



AUSTRALIAN BUREAU OF STATISTICS

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THE LABOUR FORCE AUSTRALIA

NOVEMBER 1983

CATALOGUE NO. 6203.0

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THE LABOUR FORCE, AUSTRALIA, NOVEMBER 1983

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EXPLANATORY NOTES

Introduction

This publication contains estimates of the civilian labour force derived from the labour force survey part of the monthly population survey.

2. Preliminary survey results are published in advance of this more detailed publication in *The Labour Force, Australia (Preliminary Estimates)* (6202.0).

3. Although emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown later in this publication.

The population survey

4. The population survey is based on a multi-stage area sample of private dwellings (about 33,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about two-thirds of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the survey week).

Scope

5. The labour force survey includes all persons aged 15 and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

Definitions

6. The labour force category to which a person is assigned depends on his *actual activity* (i.e. whether working, looking for work, etc.) during the survey week. The following definitions, which conform closely to the international standard definitions specified by the International Labour Organisation (ILO), relate only to those persons within the scope of the survey.

7. *Employed persons* comprise all those aged 15 and over who, during the survey week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or
- (b) worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- (d) were employers or self-employed persons who had a job, business or farm, but were not at work.

8. The *employment/population ratio* for any group is the number of employed persons expressed as a percentage of the civilian population aged 15 and over in the same group.

9. *Unemployed persons* are those aged 15 and over who were not employed during the survey week, and

- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and:
 - (i) were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or
 - (ii) were waiting to start a new job within four weeks from the end of the survey week and would have started in the survey week if the job had been available then;

or (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

10. *Actively looking for work* includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service noticeboards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives. The active steps were asked in the order shown in the table in this publication showing unemployed persons classified by active steps taken, and since only one response was recorded for each person asked this particular question, the estimates do not reflect the relative importance of the steps taken to find work.

11. *Unemployed persons looking for first job* are those who had never worked full time for two weeks or more.

12. The *unemployment rate* for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

13. *Duration of unemployment* is the period from the time the person began looking for work or was laid off to the end of the survey week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full time for two weeks or more to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. *Average (mean) duration* is the duration obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group. *Median duration* is the duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

14. *Unemployed persons classified by industry and occupation.* Unemployed persons who had worked full time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job. *Unemployment rates* by industry and occupation are only available for February, May, August and November.

15. The *labour force* comprises all persons who, during the survey week, were employed or unemployed, as defined above.

16. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 and over in the same group. Because it is not practicable to ascertain the birthplace of persons in institutions (who are classified as not in the labour force), labour force participation rates for persons classified by birthplace are calculated by using population estimates which exclude those in institutions.

17. *Full-time workers* are those who usually work 35 hours or more a week and others who, although usually part-time workers, worked 35 hours or more during the survey week. *Part-time workers* are those who usually work less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour are disregarded.

18. *Hours of work.* The figures of aggregate hours and of average hours refer to actual hours worked during the survey week, not hours paid for. The figures may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, injury, accident and industrial disputes; and stoppages of work due to bad weather, plant breakdown, etc. When hours of work are recorded, fractions of an hour are disregarded and this results in slightly lower figures than would be the case if actual time worked was recorded. Persons stood down for the whole of the survey week without pay because of bad weather or plant breakdown at their place of employment are regarded as employed and therefore are included (working no hours) in the calculation of average hours worked. Persons stood down in the survey week for reasons other than bad weather and plant breakdown and waiting to be called back to their job are regarded as unemployed and are therefore excluded from the calculations.

19. *Persons attending school* comprise those aged 15 to 20 who, during the survey week, were enrolled full time at secondary or high schools. Excluded are persons who were enrolled at universities, colleges of advanced education, technical colleges, other tertiary educational institutions, and coaching and business schools. Persons attending school are classified as in the labour force if they were employed or unemployed as defined above. Because it is not practicable to ascertain from persons in institutions (who are classified as not in the labour force) whether or not they are enrolled at secondary or high schools, such persons are excluded from estimates classified by school attendance.

20. *Persons not in the labour force* are those who, during the survey week, were not in the categories employed or unemployed, as defined above. They include persons who were keeping house (unpaid), attending an educational institution (school, university, etc.), retired, voluntarily inactive, permanently unable to work, inmates of institutions (hospitals, gaols, sanatoria, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the survey week was jury service or unpaid voluntary work for a charitable organisation.

21. In the labour force survey, persons are classified as *married or not married*. The former category includes persons who are separated, while the latter category includes persons who, at the time of the survey, had never married, or were widowed, or divorced. However, the marital status to which a person is assigned depends upon the information given by the respondent, and does not necessarily reflect legal status.

22. The February, May, August and November issues of this publication include a table showing estimates of employed persons, obtained from the labour force survey, classified by *status of worker* i.e. whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers (who worked 15 hours or more in the survey week).

23. *Industry* is classified according to the *Australian Standard Industrial Classification (ASIC) 1978 (1201.0 and 1202.0)* and *occupation* according to the *Classification and Classified List of Occupations, Revised June 1981*.

24. The areas determining the six *State capital cities* are the Statistical Divisions for those capital cities defined in *Census of Population and Housing 1976, Population and Dwellings in Local Government Areas and Urban Centres (Preliminary) (2401.0-2408.0)*. Capital City Statistical Divisions are predominantly urban in character and the boundaries are delineated to contain the anticipated urban development of the capital cities (and associated urban centres) for a period of at least 20 years.

Population benchmarks

25. The population survey estimates are calculated in such a way as to conform to the independently estimated distribution of the population aged 15 and over by age and sex. These independent estimates (benchmarks) are necessarily derived from incomplete information about population changes (deaths, internal and overseas migration) and can differ from estimates of the population subsequently published by the ABS. For estimates of the population and other demographic statistics reference should be made to *Australian Demographic Statistics Quarterly (3101.0)*.

Revision of series

26. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases are reviewed. Survey estimates back to August 1966 have been recalculated to conform to revised population estimates. The revised estimates take account of results of the 1966, 1971 and 1976 Censuses, including estimates of under-enumeration. Revised estimates taking account of the results of the 1981 Census will be published early in 1984.

27. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis. A revised questionnaire was introduced for the February 1978 survey. The questionnaire, which had undergone little change since 1964, except for the inclusion in 1975 of additional questions on job-seeking, was revised to provide more accurate and more detailed information concerning the labour force.

28. Details of the changes made to the questionnaire in February 1978 and the reasons for the changes are contained in *Information Paper: Questionnaires Used in the Labour Force Survey, March 1978 (6232.0)*. In November 1981 a number of additional minor amendments were made to the questionnaire and these are outlined in a December 1981 issue of the above information paper, 6232.0.

29. Estimates for the period August 1966 to November 1977 have been revised in order to provide a series for earlier periods as comparable as possible with the February 1978 and later estimates. For periods prior to August 1976, detailed revised estimates are available only for August of each year. For February, May and November only broad revised aggregates (as in Table 1) are available. Revised estimates have been published in *The Labour Force, Australia, 1978 (6204.0)*, which also contains information concerning the methods used in the revision.

Survey sample

30. For detailed information on sample design and selection see the Technical note in *The Labour Force, Australia, 1978 (6204.0)*.

31. The population survey sample is reselected every five years to allow data from the latest census of population and housing to be used to improve the efficiency of the population survey sample design. The latest reselection, which used data from the 1981 Census, was introduced for the October 1982 survey.

32. The sampling fraction differs for States and Territories. This is designed to enable estimates of reasonable accuracy to be produced from all States and Territories as well as for Australia. Sampling fractions for each State and Territory are as follows: New South Wales and Victoria, 1 in 200; Queensland, 1 in 140; Western Australia, South Australia, Northern Territory and Australian Capital Territory, 1 in 100; and Tasmania, 1 in 60.

Reliability of the estimates

33. Estimates in this publication are subject to two sources of error:

- (a) sampling error: since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical note.
- (b) non-sampling error: inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in the coding and processing of data. These inaccuracies

may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

Differences between population census and population survey estimates

34. The results of the 1981 Census of Population and Housing show that labour force figures derived from the census differ from estimates derived from the labour force surveys.

35. The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the survey. However there are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include under-enumeration in the population census for which census labour force estimates have not been adjusted, the use in the labour force survey of population benchmarks derived from incomplete information about population change (see paragraph 25), the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules, differing questions used to determine labour force characteristics (particularly the identification of unemployed persons) and, differing methods of adjustment for non-response to the survey or census.

36. The labour force survey provides detailed and up-to-date estimates of employment and unemployment for Australia and States, whereas the census of population and housing provides less detailed counts for small areas.

37. These considerations should be borne in mind if comparisons are made between population census and labour force survey estimates.

Seasonal adjustment

38. Seasonally adjusted series are published in Table 2. As happens with all seasonally adjusted series, the seasonal factors are reviewed annually, the latest review being in February 1983 which revised the monthly series back to February 1978. Information about the method of adjustment and seasonally adjusted figures for all months since February 1978 are published in an appendix to the February 1983 issue of this publication.

39. The seasonal adjustment factors have been calculated on the basis of five years of monthly data. This is a relatively short series of data on which to base the calculation of seasonal factors particularly when the pattern of movement is changing from year to year. This changing pattern is most marked in the unemployment figures where large increases may be accompanied by

changes in the seasonal patterns which will not become apparent until later years. As a result the current seasonal adjustment might prove to be inadequate or need to be substantially revised. Care should be exercised in interpreting current movements based on these seasonally adjusted estimates.

Gross flows

40. In order to minimise respondent burden and at the same time maintain continuity within the population survey sample, one eighth of the dwellings in the sample (except the large non-private dwellings) are replaced after each survey. Adoption of this rotation procedure, whereby about seven eighths of the sample remains unchanged from one month to the next, enables more reliable measurements of changes in the labour force characteristics of the population to be made than would be possible if a new sample were introduced each month.

41. Because a high proportion of private dwellings selected in one survey remains in the sample for the following survey, it is possible to match the characteristics of most of the persons in those dwellings from one month to the next, to record any changes that occur, and hence to produce estimates of *flows* between the different categories of the population and labour force.

42. The procedures used to select persons in non-private dwellings preclude the possibility of matching any of them who may be included in successive surveys. For this and other reasons, including the mobility of the population and non-response in either or both surveys, about 10 per cent of persons in those dwellings which are included in the sample in successive months cannot be matched. Those who can be matched represent about 80 per cent of all persons in the survey.

43. Changes in the characteristics of this latter group are shown in the gross flows table. About one half of the remaining (unmatched) 20 per cent of persons in the survey are likely to have characteristics similar to those in the matched group, but the characteristics of the other half are likely to be somewhat different.

44. Gross flow estimates relate only to those persons in private dwellings for whom information was obtained in successive surveys. The expansion factors used in calculating the estimates were those applying to the second of each pair of months.

45. Although it is not possible to provide gross flow estimates for all persons in the survey it is considered that the estimates derived from matched records will be a useful guide to the magnitude of the movements between categories which underlie the changes in monthly levels. When comparing flows for different periods it is important to take into account the population represented by the matched sample, as shown in the last line of the table.

46. While every effort is made to reduce non-sampling errors to a minimum, any such errors affecting labour force status will tend to accumulate in the gross flow statistics rather than to cancel out. The estimates are also subject to sampling variability, as explained in the Technical note. For these reasons the estimates of flows should be used with caution. The standard errors may be obtained from Table A of the Technical note.

47. Estimates of total flows into or out of the employed category may be less than the sum of the estimates for employed full time and employed part time as the estimates for the latter two categories include movements between these two categories.

Additional data

48. Estimates for employed persons classified by industry, occupation and status of worker are available each February, May, August and November, and the following tables are published in issues of this publication for those months.

Employed persons—
 Industry and occupation—
 Full-time and part-time workers
 Status of worker
 Age and birthplace
 Hours worked
 Industry by occupation
 Industry subdivisions
 Major and minor occupation groups

49. Other unpublished data from labour force surveys may be available on request.

Related publications

50. Users may also wish to refer to the following publications which relate to the labour force and are available on request:

The Labour Force, Australia (Preliminary Estimates) (6202.0)—issued monthly

The Labour Force, Australia, 1981 (6204.0)

The Labour Force, New South Wales (6201.1)—issued quarterly

The Labour Force, Victoria (6201.2)—issued monthly

The Labour Force, Queensland (6201.3)—issued quarterly

The Labour Force, South Australia (6201.4)—issued quarterly

Job Vacancies, Australia (6231.0)—issued quarterly

Information Paper: Questionnaires used in the Labour Force Survey, December 1981 (6232.0)

Information Paper: Review of ABS Employment Statistics (6239.0)

Overtime, Australia (6330.0)—issued quarterly

Supplementary and special survey publications on labour force and related topics are listed after the Technical note.

51. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

* object to sampling variability too high for most practical uses. See paragraph 6 of the Technical note

n.a. not available

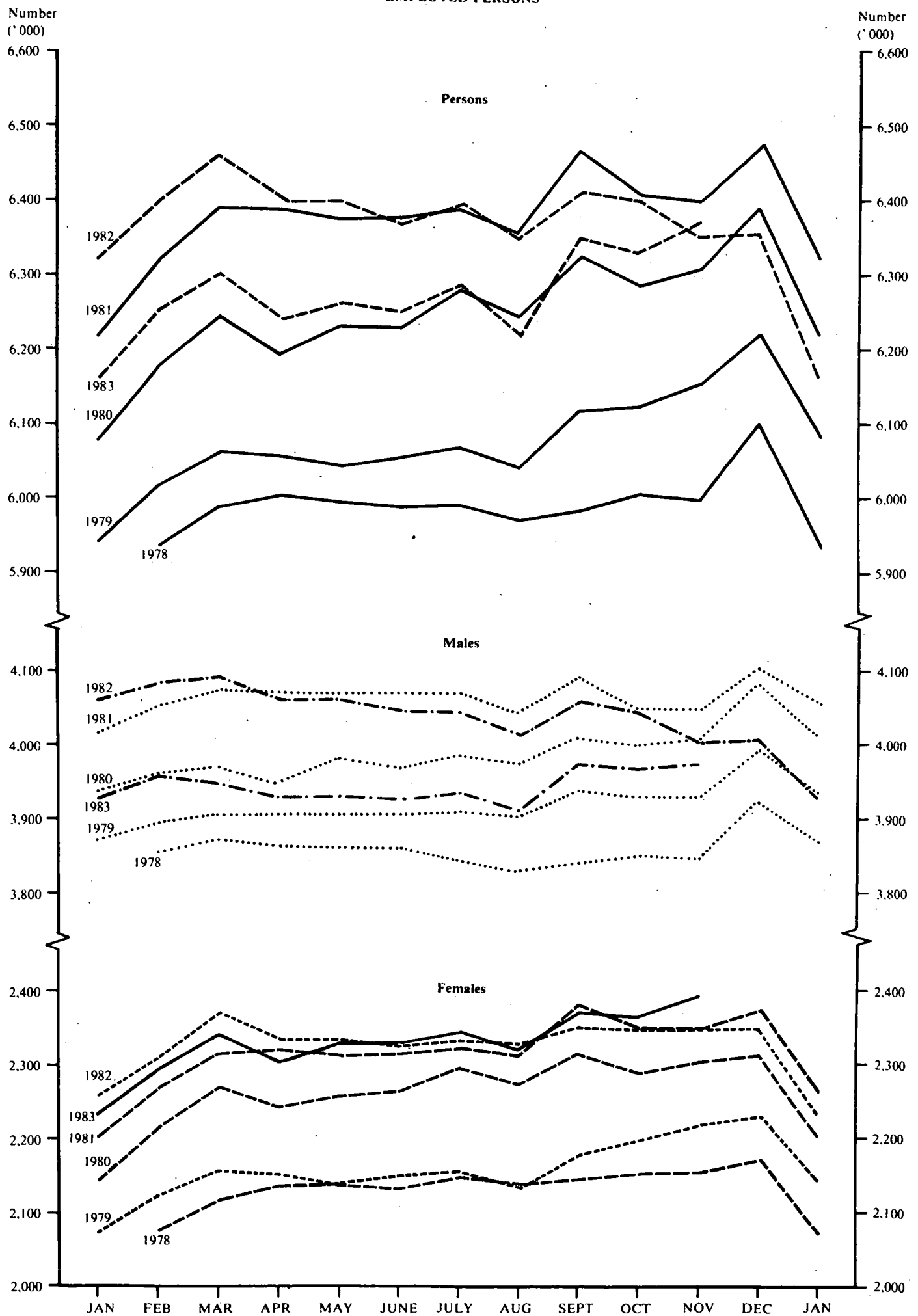
.. not applicable

n.e.c. not elsewhere classified

52. Figures have been rounded and discrepancies may occur between sums of the component items and totals.

A. R. BAGNALL
 Acting Australian Statistician

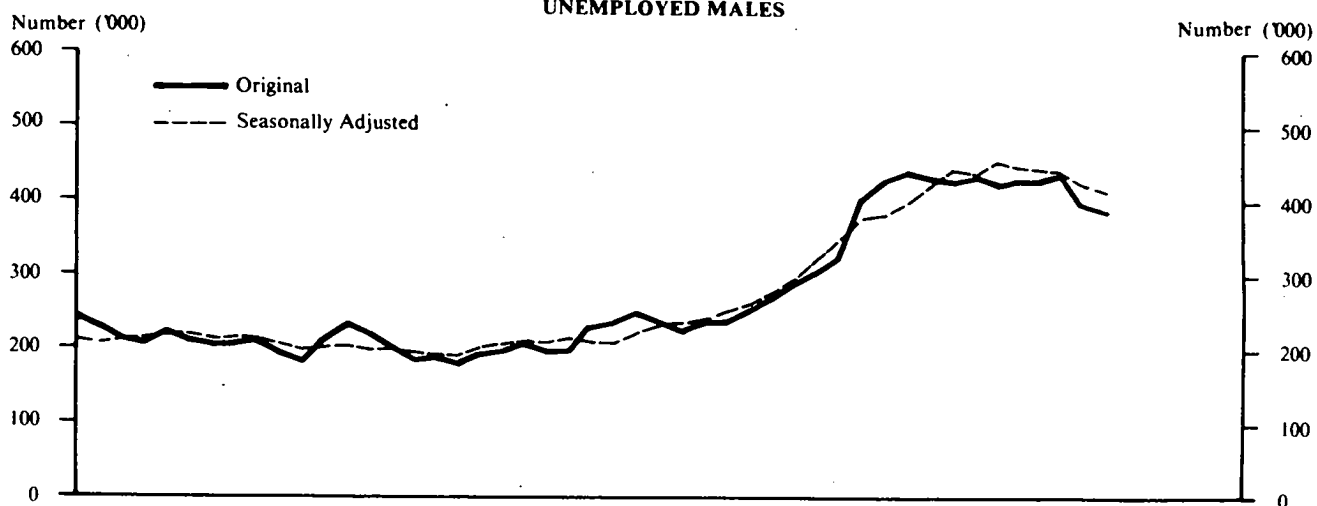
EMPLOYED PERSONS



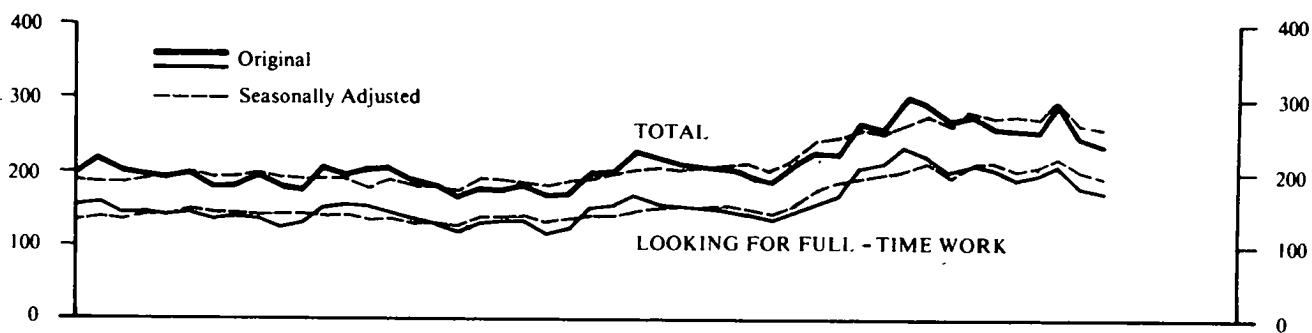
EMPLOYED PERSONS



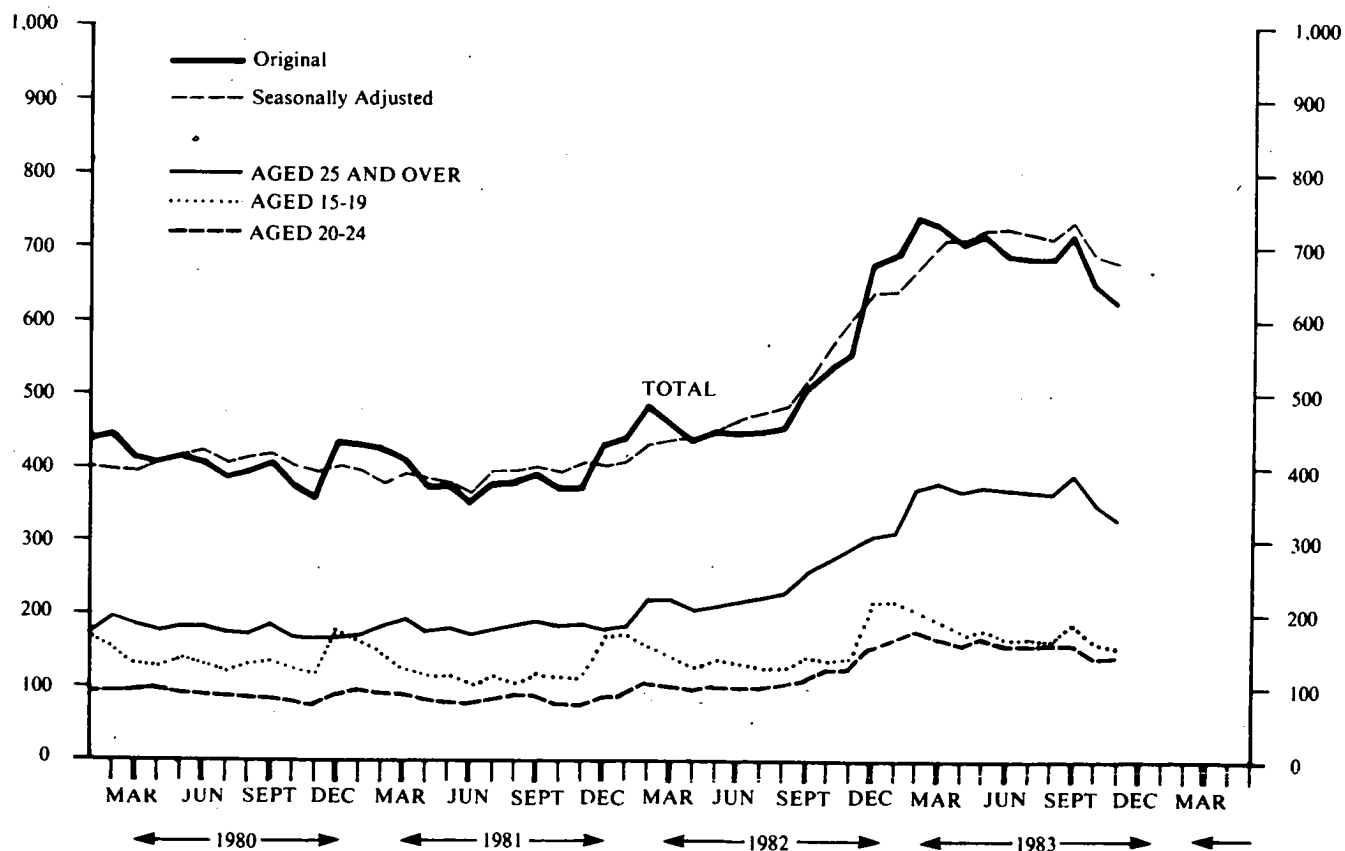
UNEMPLOYED MALES



UNEMPLOYED FEMALES

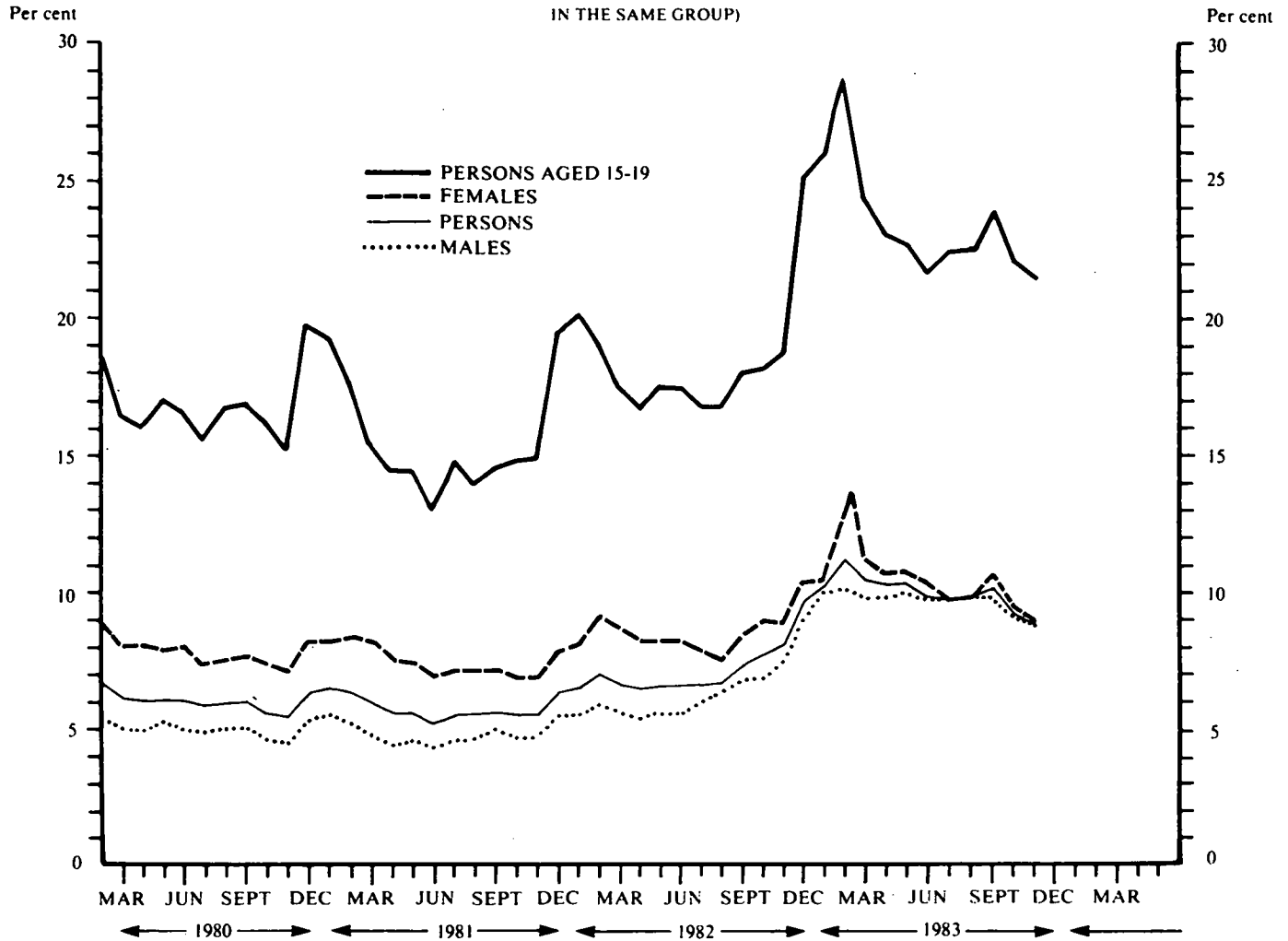


UNEMPLOYED PERSONS



UNEMPLOYMENT RATES

(THE UNEMPLOYED IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN LABOUR FORCE
IN THE SAME GROUP)



LABOUR FORCE PARTICIPATION RATES

(THE LABOUR FORCE IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN POPULATION
AGED 15 AND OVER IN THE SAME GROUP)

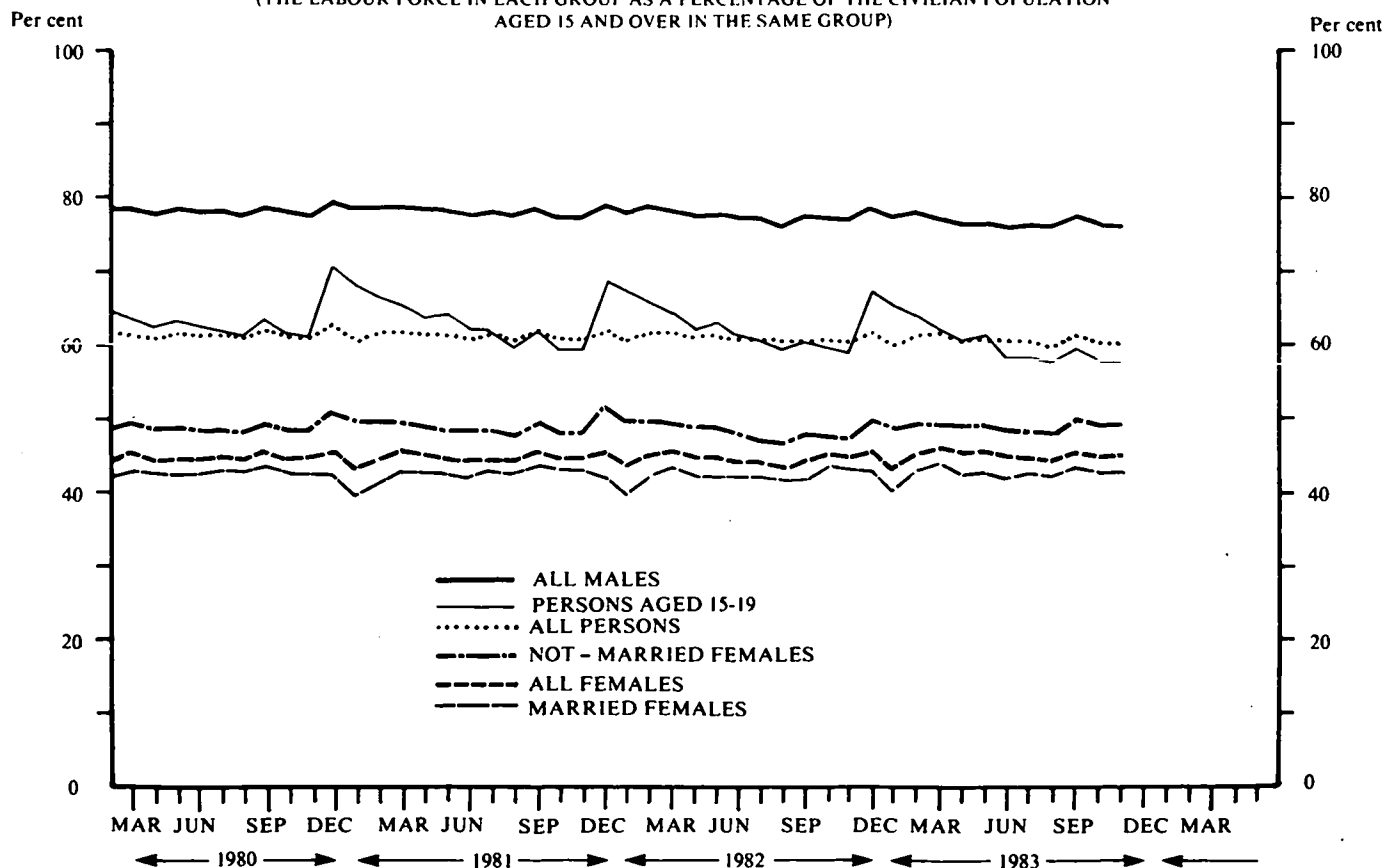


TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER (continued)

Month	Employed		Unemployed		Looking for part-time work		Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work		Looking for part-time work						
			Aged 15-19 looking for first job	Total	Total	Total					
- '000 -											
- per cent -											
ALL FEMALES											
1982 -											
October	1,490.5	2,352.8	18.7	158.4	71.2	229.6	2,582.4	3,171.8	5,754.2	8.9	44.9
November	1,491.4	2,346.3	21.4	170.4	54.7	225.1	2,571.4	3,193.4	5,764.8	8.8	44.6
December	1,492.0	2,349.1	47.6	206.8	62.4	269.2	2,618.4	3,157.0	5,775.4	10.3	45.3
1983 -											
January	1,475.7	2,234.9	48.6	216.2	43.9	260.2	2,495.1	3,290.9	5,786.0	10.4	43.1
February	1,465.3	2,295.8	45.5	234.7	71.3	305.9	2,601.7	3,194.9	5,796.6	11.8	44.9
March	1,482.9	2,348.9	37.8	223.8	72.6	296.4	2,645.3	3,161.6	5,806.9	11.2	45.6
April	1,478.4	2,308.9	31.9	203.2	73.3	276.6	2,585.4	3,229.1	5,814.5	10.7	44.5
May	1,491.4	2,328.9	32.7	212.6	70.0	282.5	2,611.4	3,212.0	5,823.4	10.8	44.8
June	1,477.6	2,324.3	30.1	203.8	62.4	266.2	2,590.5	3,241.8	5,832.3	10.3	44.4
July	1,505.2	2,345.0	26.7	190.1	65.2	255.3	2,600.4	3,240.8	5,841.2	9.8	44.5
August	1,475.9	2,321.8	28.1	195.7	58.7	254.4	2,576.3	3,273.8	5,850.0	9.9	44.0
September	1,534.7	2,370.3	33.2	207.0	76.4	283.4	2,653.7	3,206.5	5,860.2	10.7	45.3
October	1,516.1	2,363.1	27.4	181.5	68.9	250.4	2,613.5	3,256.0	5,869.6	9.6	44.5
November	1,524.4	2,396.9	26.9	175.0	61.7	236.8	2,633.6	3,245.2	5,878.8	9.0	44.8
Standard error of -											
November 1983											
estimates	10.4	12.0	2.3	4.9	3.2	5.5	12.3	13.1	..	0.2	0.2
Oct 83 to Nov 83											
movements	7.7	8.6	2.2	4.2	3.0	4.6	8.8	9.3	..	0.2	0.1
PERSONS											
1982 -											
October	5,283.0	6,400.1	37.8	445.1	91.8	536.8	6,937.0	4,435.5	11,372.5	7.7	61.0
November	5,245.5	6,350.6	42.1	483.9	68.1	552.0	6,902.6	4,490.7	11,393.3	8.0	60.6
December	5,258.6	6,356.9	94.1	585.2	88.8	674.0	7,030.8	4,384.0	11,414.8	9.6	61.6
1983 -											
January	5,181.7	6,164.7	99.9	625.5	66.2	691.7	6,856.4	4,580.9	11,437.3	10.1	59.9
February	5,195.5	6,255.0	90.4	652.9	94.4	747.3	7,002.2	4,456.6	11,458.9	10.7	61.1
March	5,183.0	6,300.8	72.0	636.0	95.6	731.6	7,032.4	4,447.5	11,479.9	10.4	61.3
April	5,161.6	6,243.2	60.2	610.4	96.7	707.2	6,950.3	4,544.7	11,495.0	10.2	60.5
May	5,178.2	6,261.6	61.0	626.0	92.6	718.6	6,980.1	4,532.5	11,512.7	10.3	60.6
June	5,167.3	6,254.7	54.6	612.0	79.0	691.1	6,945.7	4,584.6	11,530.3	9.9	60.2
July	5,208.7	6,284.5	54.7	597.7	87.1	684.8	6,969.3	4,578.7	11,547.9	9.8	60.4
August	5,146.2	6,232.7	54.8	605.2	78.9	684.1	6,916.7	4,648.8	11,565.6	9.9	59.8
September	5,282.7	6,350.0	64.0	617.6	101.1	718.7	7,068.7	4,517.2	11,585.9	10.2	61.0
October	5,239.4	6,330.8	60.4	566.5	85.1	651.6	6,982.3	4,621.8	11,604.2	9.3	60.2
November	5,253.3	6,373.8	57.4	541.4	82.1	623.4	6,997.2	4,625.2	11,622.4	8.9	60.2
Standard error of -											
November 1983											
estimates	15.0	15.8	3.1	7.4	3.6	7.7	16.3	14.5	..	0.1	0.1
Oct 83 to Nov 83											
movements	10.4	10.8	2.9	5.9	3.3	6.1	11.0	10.1	..	0.1	0.1

TABLE 2. CIVILIAN LABOUR FORCE: SEASONALLY ADJUSTED SERIES

Month	Employed		Unemployed		Looking for part-time work	Total	Labour force	Unemp- loyment rate	Partici- pation rate		
	Full-time workers	Total	Aged 15-19 looking for first job	Total							
										Looking for full-time work	

- '000 -											
- per cent -											
MALES											
1982 -											
October	3,801.8	4,050.3	22.1	305.3	21.3	326.6	4,376.9	7.5	77.9		
November	3,776.7	4,020.2	23.8	336.7	16.8	353.5	4,373.7	8.1	77.7		
December	3,732.1	3,971.5	26.5	360.7	18.9	379.6	4,351.1	8.7	77.2		
1983 -											
January	3,711.5	3,952.1	31.5	363.1	21.6	384.7	4,336.8	8.9	76.7		
February	3,712.2	3,958.2	32.9	377.6	24.0	401.6	4,359.8	9.2	77.0		
March	3,684.0	3,935.4	34.5	406.0	21.0	427.0	4,362.5	9.8	76.9		
April	3,682.7	3,929.5	37.0	421.3	24.8	446.1	4,375.6	10.2	77.0		
May	3,692.8	3,933.5	35.6	418.5	21.2	439.7	4,373.2	10.1	76.9		
June	3,698.1	3,934.9	36.2	432.3	18.3	450.6	4,385.5	10.3	77.0		
July	3,703.2	3,944.3	41.0	422.3	23.2	445.5	4,389.7	10.1	76.9		
August	3,697.3	3,932.3	36.4	420.5	21.9	442.5	4,374.8	10.1	76.5		
September	3,740.2	3,967.1	35.4	414.2	25.5	439.7	4,406.8	10.0	77.0		
October	3,730.2	3,968.4	38.3	410.0	16.8	426.8	4,395.2	9.7	76.6		
November	3,749.4	3,990.7	35.0	393.4	25.4	418.8	4,409.5	9.5	76.8		
MARRIED FEMALES											
1982 -											
October	805.1	1,464.4	..	56.3	43.2	99.5	1,563.9	6.4	43.0		
November	799.8	1,443.3	..	61.4	36.8	98.2	1,541.5	6.4	42.5		
December	792.6	1,452.8	..	70.0	37.3	107.3	1,560.1	6.9	42.8		
1983 -											
January	794.3	1,453.0	..	66.8	33.8	100.6	1,553.6	6.5	42.6		
February	784.3	1,455.6	..	69.5	40.3	109.8	1,565.4	7.0	42.7		
March	799.0	1,455.9	..	72.2	41.1	113.3	1,569.1	7.2	42.8		
April	781.4	1,420.6	..	70.4	43.1	113.6	1,534.2	7.4	41.9		
May	794.8	1,440.3	..	77.8	42.2	120.1	1,560.4	7.7	42.4		
June	795.2	1,442.4	..	81.3	38.9	120.2	1,562.6	7.7	42.3		
July	809.3	1,435.4	..	73.1	49.5	122.7	1,558.1	7.9	42.3		
August	804.6	1,435.6	..	74.2	40.0	114.2	1,549.8	7.4	41.9		
September	812.7	1,444.6	..	78.2	45.3	123.5	1,568.1	7.9	42.2		
October	797.7	1,423.1	..	71.5	41.9	113.4	1,536.4	7.4	41.7		
November	802.8	1,439.7	..	63.0	40.8	103.8	1,543.5	6.7	41.9		
ALL FEMALES											
1982 -											
October	1,496.0	2,338.3	24.4	178.7	64.8	243.5	2,581.8	9.4	44.9		
November	1,493.9	2,321.4	28.5	187.6	59.8	247.4	2,568.8	9.6	44.6		
December	1,466.9	2,324.7	32.8	194.2	63.8	258.0	2,582.7	10.0	44.7		
1983 -											
January	1,470.2	2,326.8	31.3	198.6	56.2	254.8	2,581.6	9.9	44.6		
February	1,462.2	2,319.1	35.4	206.0	61.9	267.9	2,587.0	10.4	44.6		
March	1,480.3	2,327.8	35.7	212.3	62.5	274.8	2,602.6	10.6	44.8		
April	1,478.4	2,305.7	33.0	199.0	69.8	268.8	2,574.4	10.4	44.3		
May	1,490.3	2,324.0	35.1	212.7	68.4	281.2	2,605.2	10.8	44.7		
June	1,484.3	2,328.4	35.3	210.0	61.5	271.4	2,599.8	10.4	44.6		
July	1,511.2	2,338.6	33.6	202.5	70.7	273.2	2,611.7	10.5	44.7		
August	1,501.6	2,331.2	35.5	204.1	66.6	270.6	2,601.8	10.4	44.5		
September	1,525.1	2,345.8	41.4	215.7	74.9	290.7	2,636.5	11.0	45.0		
October	1,521.3	2,348.7	35.7	204.7	62.5	267.2	2,615.8	10.2	44.6		
November	1,528.6	2,371.1	35.7	192.3	67.6	259.9	2,631.0	9.9	44.8		
PERSONS											
1982 -											
October	5,297.8	6,388.6	46.5	484.0	86.1	570.1	6,958.7	8.2	61.2		
November	5,272.6	6,341.6	52.3	524.3	76.6	600.9	6,942.5	8.7	60.9		
December	5,199.0	6,296.2	59.3	554.9	82.7	637.6	6,933.8	9.2	60.7		
1983 -											
January	5,181.7	6,278.9	62.8	561.7	77.8	639.5	6,918.4	9.2	60.5		
February	5,174.4	6,277.4	68.4	583.6	85.9	669.5	6,946.9	9.6	60.6		
March	5,164.3	6,263.2	70.2	618.3	83.6	701.9	6,965.1	10.1	60.7		
April	5,161.1	6,235.2	70.0	620.3	94.6	714.9	6,950.1	10.3	60.3		
May	5,183.0	6,257.6	70.7	631.3	89.7	720.9	6,978.5	10.3	60.6		
June	5,182.4	6,263.3	71.5	642.3	79.8	722.1	6,985.3	10.3	60.6		
July	5,214.3	6,282.8	74.6	624.8	93.9	718.6	7,001.5	10.3	60.6		
August	5,198.9	6,263.5	71.9	624.6	88.5	713.1	6,976.6	10.2	60.3		
September	5,263.3	6,313.0	76.8	630.0	100.4	730.4	7,043.4	10.4	60.8		
October	5,251.5	6,317.1	74.0	614.7	79.2	694.0	7,011.0	9.9	60.4		
November	5,278.1	6,361.8	70.7	585.6	93.1	678.7	7,040.5	9.6	60.6		

TABLE 3. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
MARITAL STATUS, NOVEMBER 1983

	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian popula- tion aged 15 and over	Unemp- loyment rate	Participa- tion rate
	Full-time workers	Total	Looking for full- time work	Looking for part- time work						
					- '000 -					- per cent -
Males	3,728.9	3,976.9	366.3	20.3	386.7	4,363.6	1,380.0	5,743.6	8.9	76.0
Married	2,620.0	2,730.0	160.8	4.8	165.7	2,895.7	769.4	3,665.1	5.7	79.0
Not married	1,108.9	1,246.9	205.5	15.5	221.0	1,467.9	610.6	2,078.5	15.1	70.6
Females	1,524.4	2,396.9	175.0	61.7	236.8	2,633.6	3,245.2	5,878.8	9.0	44.8
Married	807.5	1,461.8	62.8	38.0	100.7	1,562.5	2,117.2	3,679.7	6.4	42.5
Not married	716.9	935.1	112.3	23.7	136.0	1,071.1	1,128.0	2,199.1	12.7	48.7
Persons	5,253.3	6,373.8	541.4	82.1	623.4	6,997.2	4,625.2	11,622.4	8.9	60.2

TABLE 4. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
STATES AND TERRITORIES, NOVEMBER 1983

State or Territory	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian popula- tion aged 15 and over	Unemp- loyment rate	Participa- tion rate
	Full-time workers	Total	Looking for full- time work	Looking for part- time work						
					- '000 -					- per cent -
MALES										
New South Wales	1,273.0	1,363.2	139.3	6.8	146.1	1,509.3	502.5	2,011.8	9.7	75.0
Victoria	992.1	1,061.7	82.6	6.0	88.6	1,150.3	353.0	1,503.3	7.7	76.5
Queensland	601.5	639.9	55.4	*	57.5	697.4	222.2	919.6	8.2	75.8
South Australia	322.0	342.8	35.0	*	37.1	379.9	126.6	506.4	9.8	75.0
Western Australia	343.0	361.2	37.8	*	40.0	401.2	111.6	512.8	10.0	78.2
Tasmania	102.9	107.2	11.5	*	11.9	119.1	40.2	159.2	10.0	74.8
Northern Territory	35.6	37.8	2.2	*	2.4	40.3	9.0	49.3	6.1	81.7
Australian Capital Territory	58.8	63.1	2.4	*	3.0	66.1	15.0	81.1	4.6	81.6
Australia	3,728.9	3,976.9	366.3	20.3	386.7	4,363.6	1,380.0	5,743.6	8.9	76.0
FEMALES										
New South Wales	540.8	832.6	64.7	20.8	85.5	918.1	1,151.4	2,069.4	9.3	44.4
Victoria	424.7	645.6	43.7	15.2	58.9	704.4	847.9	1,552.3	8.4	45.4
Queensland	225.6	361.5	25.5	11.7	37.2	398.7	535.5	934.2	9.3	42.7
South Australia	118.1	208.6	16.4	5.5	21.9	230.5	289.5	520.0	9.5	44.3
Western Australia	127.5	217.7	16.2	5.8	22.0	239.7	267.6	507.3	9.2	47.3
Tasmania	36.5	60.8	5.6	*	6.9	67.7	98.5	166.2	10.2	40.7
Northern Territory	15.7	22.5	*	*	*	23.8	20.1	43.9	*	54.2
Australian Capital Territory	35.5	47.7	2.0	*	3.0	50.7	34.8	85.5	5.9	59.3
Australia	1,524.4	2,396.9	175.0	61.7	236.8	2,633.6	3,245.2	5,878.8	9.0	44.8
PERSONS										
New South Wales	1,813.8	2,195.7	204.0	27.6	231.6	2,427.4	1,653.9	4,081.3	9.5	59.5
Victoria	1,416.8	1,707.3	126.3	21.2	147.5	1,854.8	1,200.9	3,055.6	8.0	60.7
Queensland	827.1	1,001.4	80.9	13.8	94.7	1,096.1	757.7	1,853.8	8.6	59.1
South Australia	440.1	551.4	51.4	7.6	59.0	610.4	416.1	1,026.5	9.7	59.5
Western Australia	470.6	578.9	54.0	8.0	62.0	640.9	379.2	1,020.1	9.7	62.8
Tasmania	139.5	168.0	17.2	1.6	18.8	186.8	138.7	325.4	10.1	57.4
Northern Territory	51.3	60.3	3.2	*	3.8	64.1	29.1	93.2	5.9	68.8
Australian Capital Territory	94.3	110.8	4.4	*	6.0	116.8	49.7	166.5	5.2	70.1
Australia	5,253.3	6,373.8	541.4	82.1	623.4	6,997.2	4,625.2	11,622.4	8.9	60.2

TABLE 5. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
STATE CAPITAL CITIES, NOVEMBER 1983

Capital city	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work						
					- '000 -				- per cent -	
MALES										
Sydney	812.9	874.0	81.9	5.4	87.2	961.3	302.2	1,263.5	9.1	76.1
Melbourne	708.2	756.0	60.9	*	65.1	821.1	249.7	1,070.8	7.9	76.7
Brisbane	267.9	283.9	25.6	*	26.8	310.7	102.4	413.1	8.6	75.2
Adelaide	225.0	239.8	25.4	*	27.0	266.9	96.0	362.9	10.1	73.5
Perth	227.6	241.2	30.2	*	32.0	273.2	84.4	357.5	11.7	76.4
Hobart	40.3	42.3	4.4	*	4.5	46.8	17.7	64.4	9.6	72.6
Total	2,281.8	2,437.2	228.3	14.3	242.6	2,679.8	852.4	3,532.2	9.1	75.9
FEMALES										
Sydney	386.2	568.8	41.7	13.0	54.6	623.4	710.9	1,334.4	8.8	46.7
Melbourne	327.8	476.2	34.5	11.1	45.6	521.8	598.6	1,120.4	8.7	46.6
Brisbane	115.2	179.4	12.7	6.3	19.0	198.4	244.6	442.9	9.6	44.8
Adelaide	91.0	153.7	13.3	4.0	17.4	171.1	214.1	385.2	10.1	44.4
Perth	96.9	160.7	13.2	3.8	17.0	177.7	200.6	378.4	9.6	47.0
Hobart	17.4	28.8	2.6	*	3.2	32.0	37.2	69.1	9.9	46.2
Total	1,034.5	1,567.6	118.0	38.9	156.8	1,724.4	2,006.0	3,730.3	9.1	46.2
PERSONS										
Sydney	1,199.1	1,442.8	123.5	18.3	141.9	1,584.7	1,013.1	2,597.8	9.0	61.0
Melbourne	1,036.0	1,232.2	95.4	15.3	110.7	1,342.9	848.3	2,191.2	8.2	61.3
Brisbane	383.1	463.3	38.3	7.5	45.8	509.0	347.0	856.0	9.0	59.5
Adelaide	316.0	393.5	38.7	5.7	44.4	437.9	310.1	748.1	10.1	58.5
Perth	324.5	401.9	43.4	5.6	49.0	450.9	285.0	735.9	10.9	61.3
Hobart	57.6	71.1	7.0	*	7.6	78.7	54.8	133.6	9.7	59.0
Total	3,316.4	4,004.8	346.2	53.1	399.4	4,404.2	2,858.4	7,262.5	9.1	60.6

TABLE 6. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
AUSTRALIAN CAPITAL TERRITORY, NOVEMBER 1983

	Persons						
	Males	Females		Aged 15-19	Aged 20-24	Aged 25 and over	Total
		Married	Total				
				- '000 -			
Employed	63.1	29.2	47.7	8.9	15.2	86.7	110.8
Full-time workers	58.8	20.5	35.5	4.7	13.7	75.8	94.3
Part-time workers	4.3	8.7	12.3	4.2	*	10.8	16.5
Unemployed	3.0	*	3.0	2.1	*	2.6	6.0
Looking for full-time work	2.4	*	2.0	*	*	2.0	4.4
Labour force	66.1	30.2	50.7	11.0	16.6	89.3	116.8
Not in labour force	15.0	22.4	34.8	9.6	2.3	37.8	49.7
Aged 15-19 attending school(a)	4.7	*	3.6	8.3	..	..	8.3
Civilian population	81.1	52.7	85.5	20.6	18.9	127.1	166.5
				- per cent -			
Unemployment rate	4.6	*	5.9	18.8	*	2.9	5.2
Looking for full-time work	4.0	*	5.2	*	*	2.6	4.4
Participation rate	81.6	57.4	59.3	53.3	87.7	70.3	70.1
Employment/population ratio	77.8	55.4	55.8	43.3	80.4	68.2	66.5
				- number -			
Average (mean) weekly hours worked by employed persons	38.5	30.6	31.0	25.3	33.5	36.6	35.3
Average (mean) duration of unemployment (weeks)	68.0	*	27.5	*	*	*	48.0

(a) Excludes persons in institutions. See Explanatory notes.

TABLE 7. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 TO 19:
SCHOOL ATTENDANCE(a), NOVEMBER 1983

	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian population aged 15-19	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work						
	- '000 -									- per cent -
NOT ATTENDING SCHOOL										
Males	222.5	244.3	64.6	*	66.1	310.4	38.7	349.1	21.3	88.9
Females	184.7	222.1	52.3	*	56.1	278.2	66.5	344.7	20.2	80.7
Persons	407.2	466.4	116.9	5.4	122.3	588.6	105.2	693.9	20.8	84.8
Left school -										
Before 1981	138.7	151.3	37.6	*	38.6	190.0	27.9	217.9	20.3	87.2
1981	128.9	144.7	29.9	*	31.8	176.5	27.5	204.0	18.0	86.5
1982 to survey date	139.6	170.3	49.5	*	51.9	222.2	49.8	271.9	23.3	81.7
Age -										
15	6.9	9.3	4.7	*	4.7	14.0	*	17.3	33.4	81.2
16	40.8	46.5	18.0	*	18.3	64.9	7.6	72.5	28.3	89.5
17	86.4	99.5	26.4	)	( 27.4	126.8	17.3	144.1	21.6	88.0
18	120.8	136.9	33.6	) 5.0	(36.1	172.9	37.0	209.9	20.8	82.4
19	152.3	174.2	34.2	)	( 35.8	210.0	40.1	250.1	17.1	84.0
ATTENDING SCHOOL										
Males	*	49.5	8.1	10.8	18.9	68.5	226.0	294.5	27.7	23.2
Females	*	58.7	*	11.6	15.8	74.5	199.8	274.3	21.3	27.2
Persons	*	108.2	12.4	22.4	34.8	143.0	425.8	568.8	24.3	25.1
Age -										
15	*	36.2	*	11.3	15.4	51.6	190.2	241.8	29.8	21.3
16	*	39.5	5.3	7.0	12.2	51.8	128.8	180.5	23.6	28.7
17	*	25.4	*	*	5.9	31.3	72.3	103.6	19.0	30.2
18 and 19	*	7.1	*	*	*	8.3	34.5	42.8	*	19.3
TOTAL										
Males	223.7	293.8	72.7	12.4	85.1	378.9	264.7	643.6	22.5	58.9
Females	185.1	280.8	56.6	15.4	72.0	352.8	266.3	619.0	20.4	57.0
Persons	408.7	574.6	129.3	27.8	157.0	731.6	531.0	1,262.6	21.5	57.9
Age -										
15	7.6	45.6	8.8	11.3	20.1	65.6	193.4	259.1	30.6	25.3
16	41.4	86.0	23.2	7.4	30.6	116.6	136.4	253.0	26.2	46.1
17	86.6	124.8	29.2	) 7.5	(33.3	158.2	89.6	247.7	21.1	63.8
18	120.8	143.4	33.9	)	( 37.2	180.6	65.7	246.3	20.6	73.3
19	152.3	174.8	34.2	*	35.8	210.6	45.9	256.5	17.0	82.1

(a) Excludes persons in institutions. See Explanatory notes.

TABLE 8. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 20 TO 24, NOVEMBER 1983

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 20-24	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
				- '000 -					- per cent -	
Males	476.5	511.8	88.9	*	90.5	602.3	71.9	674.2	15.0	89.3
Females	351.3	432.5	42.0	7.7	49.7	482.3	172.6	654.9	10.3	73.6
Persons	827.8	944.4	130.9	9.3	140.2	1,084.6	244.5	1,329.1	12.9	81.6
Age -										
20	159.9	184.2	30.6	*	32.1	216.3	47.5	263.2	14.8	81.9
21	164.5	188.7	30.2	) 4.7	(32.6	221.3	47.0	268.3	14.7	82.5
22	166.9	189.8	29.6	)	( 32.0	221.8	47.5	269.3	14.4	82.4
23	172.0	194.2	20.0	*	21.3	215.5	49.4	264.9	9.9	81.3
24	164.5	187.5	20.5	*	22.3	209.8	52.7	262.4	10.6	79.9

TABLE 9. CIVILIAN LABOUR FORCE BY BIRTHPLACE, NOVEMBER 1983

	Employed		Unemployed		Labour force	Unemployment rate	Participation rate(a)
	Full-time workers	Total	Looking for full-time work	Total			
			- '000 -			- per cent -	
MALES							
Born in Australia	2,724.2	2,915.1	240.1	254.3	3,169.4	8.0	76.9
Born outside Australia	1,004.7	1,061.8	126.3	132.4	1,194.2	11.1	77.6
Africa	34.8	37.9	*	*	40.9	*	80.4
America	28.6	32.2	6.3	6.8	38.9	17.3	82.5
Asia	110.8	117.3	26.9	27.8	145.1	19.2	75.2
Lebanon	11.9	13.1	5.4	5.4	18.5	29.2	72.4
Europe	772.9	811.6	81.5	84.9	896.5	9.5	77.2
Germany	36.8	38.0	*	4.5	42.5	10.5	85.7
Greece	54.6	57.7	7.0	7.4	65.1	11.4	80.2
Italy	104.1	108.7	9.1	9.7	118.4	8.2	77.1
Malta	18.0	19.1	*	*	22.5	*	80.7
Netherlands	41.8	43.4	*	*	47.2	*	80.7
Poland	19.5	20.1	*	*	22.7	*	65.2
UK and Ireland	369.3	390.4	38.1	39.6	430.0	9.2	76.8
Yugoslavia	57.2	58.5	6.2	6.2	64.7	9.6	78.4
Oceania	57.4	62.8	8.7	9.8	72.6	13.5	83.4
New Zealand	50.8	54.5	6.9	7.9	62.4	12.7	86.1
MARRIED FEMALES							
Born in Australia	540.8	1,029.2	31.6	57.9	1,087.1	5.3	41.5
Born outside Australia	266.8	432.5	31.1	42.8	475.4	9.0	45.5
Africa	10.7	14.0	*	*	14.8	*	46.4
America	9.2	13.5	*	*	15.2	*	49.5
Asia	37.3	56.4	8.2	9.3	65.7	14.2	47.1
Lebanon	*	*	*	*	4.6	*	23.3
Europe	190.8	320.0	18.3	27.8	347.8	8.0	44.2
Germany	8.6	16.0	*	*	17.2	*	45.6
Greece	19.2	25.4	*	*	29.5	*	47.6
Italy	25.7	41.7	*	*	44.1	*	40.9
Malta	*	5.7	*	*	6.3	*	32.4
Netherlands	6.2	13.3	*	*	14.2	*	40.9
Poland	4.5	6.0	*	*	6.8	*	32.7
UK and Ireland	86.3	160.1	7.6	13.0	173.0	7.5	45.3
Yugoslavia	21.5	27.0	*	*	29.3	*	51.3
Oceania	18.9	28.7	*	*	32.0	*	55.7
New Zealand	16.6	25.3	*	*	28.4	*	60.4
ALL FEMALES							
Born in Australia	1,136.6	1,806.5	119.1	164.8	1,971.3	8.4	45.7
Born outside Australia	387.8	590.4	56.0	71.9	662.3	10.9	45.7
Africa	16.3	20.2	*	*	21.2	*	47.0
America	14.2	20.4	*	*	23.7	*	53.0
Asia	56.8	82.0	14.1	16.1	98.1	16.5	47.6
Lebanon	*	*	*	*	6.5	*	26.2
Europe	265.7	418.6	32.1	44.0	462.6	9.5	43.7
Germany	12.2	21.1	*	*	22.8	*	45.5
Greece	21.4	28.2	*	4.9	33.2	14.9	45.5
Italy	31.4	48.7	*	4.7	53.4	8.8	40.5
Malta	*	6.7	*	*	7.7	*	32.6
Netherlands	8.3	16.8	*	*	18.0	*	39.4
Poland	5.6	7.9	*	*	8.9	*	32.7
UK and Ireland	135.6	223.9	16.1	22.6	246.5	9.2	45.5
Yugoslavia	26.4	32.3	*	*	35.3	*	48.8
Oceania	34.8	49.2	5.6	7.5	56.7	13.3	60.0
New Zealand	30.0	42.0	5.2	6.7	48.7	13.7	63.4
PERSONS							
Born in Australia	3,860.8	4,721.6	359.1	419.1	5,140.7	8.2	61.0
Born outside Australia	1,392.5	1,652.2	182.2	204.3	1,856.5	11.0	62.1
Africa	51.1	58.1	*	*	62.1	*	64.7
America	42.8	52.6	9.5	10.0	62.6	16.0	68.1
Asia	167.7	199.3	41.0	43.9	243.2	18.1	60.9
Lebanon	14.3	17.5	7.1	7.5	25.0	30.1	49.6
Europe	1,038.7	1,230.2	113.6	128.9	1,359.1	9.5	61.2
Germany	49.0	59.1	5.5	6.1	65.3	9.4	65.5
Greece	76.0	85.9	10.8	12.4	98.3	12.6	63.8
Italy	135.4	157.4	12.6	14.4	171.8	8.4	60.2
Malta	22.2	25.8	*	*	30.2	*	58.7
Netherlands	50.1	60.2	*	4.9	65.1	7.6	62.6
Poland	25.1	27.9	*	*	31.6	*	51.0
UK and Ireland	504.9	614.3	54.2	62.2	676.5	9.2	61.4
Yugoslavia	83.6	90.8	8.8	9.2	100.0	9.2	64.6
Oceania	92.2	112.0	14.3	17.3	129.3	13.4	71.3
New Zealand	80.8	96.5	12.2	14.6	111.1	13.1	74.5

(a) See the definition of the labour force participation rate in the Explanatory notes.

TABLE 10. CIVILIAN LABOUR FORCE BORN OUTSIDE AUSTRALIA: BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, NOVEMBER 1983

Period of arrival	Africa	America	Asia	Europe		Oceania		Total			Persons
				Ireland	U.K. and other countries	New Zealand	Total	Males	Females		
									Married	Total	
EMPLOYED ('000)											
Before 1971	31.5	18.4	79.7	428.6	524.5	27.3	35.0	743.6	285.7	374.0	1,117.6
1971 - 1975	12.5	18.2	42.8	97.4	53.6	13.3	17.1	149.0	65.9	92.6	241.6
1976 - 1981	10.7	12.1	62.9	68.5	28.7	43.2	46.6	131.3	65.7	98.2	229.5
1982 to survey date	*	*	13.9	19.7	9.1	12.8	13.4	37.9	15.2	25.6	63.5
UNEMPLOYED ('000)											
Before 1971	*	) 6.4	(10.3	43.5	48.4	*	) 5.3	(77.1	19.8	32.8	109.9
1971 - 1975	*	)	( 7.4	9.5	7.5	*	)	( 17.5	6.7	13.9	31.4
1976 - 1981	*	*	16.2	5.6	7.0	7.9	9.4	25.2	9.9	16.0	41.3
1982 to survey date	*	*	9.9	---	7.5	---	*	*	12.6	6.4	21.8
LABOUR FORCE ('000)											
Before 1971	33.2	21.7	90.0	472.1	572.9	29.6	37.5	820.7	305.5	406.8	1,227.5
1971 - 1975	13.6	21.3	50.2	106.9	61.2	15.3	19.8	166.5	72.6	106.5	272.9
1976 - 1981	11.4	14.4	79.1	74.1	35.7	51.1	56.0	156.6	75.6	114.2	270.8
1982 to survey date	*	5.3	23.8	23.4	12.9	15.1	16.0	50.5	21.6	34.8	85.3
UNEMPLOYMENT RATE (per cent)											
Before 1971	*	) 15.0	(11.5	9.2	8.4	*	) 9.2	(9.4	6.5	8.1	9.0
1971 - 1975	*	)	( 14.8	8.9	12.3	*	)	( 10.5	9.2	13.0	11.5
1976 - 1981	*	*	20.5	7.5	19.5	15.4	16.8	16.1	13.1	14.0	15.2
1982 to survey date	*	*	41.8	---	20.6	---	*	*	24.9	29.8	25.5
PARTICIPATION RATE(a) (per cent)											
Before 1971	62.0	64.5	61.4	58.1	60.3	59.7	61.5	75.7	42.5	41.8	59.7
1971 - 1975	70.9	71.2	64.4	72.7	67.4	77.7	74.0	84.2	53.5	55.0	69.7
1976 - 1981	70.8	75.2	59.9	70.3	62.4	81.7	76.7	81.0	53.7	54.4	67.2
1982 to survey date	*	56.9	56.2	65.0	59.8	86.7	77.4	78.5	42.7	47.9	62.3

(a) See the definition of the labour force participation rate in the Explanatory notes.

TABLE 11. CIVILIAN LABOUR FORCE, BY AGE, NOVEMBER 1983

Age group	Number ('000)					Participation rate (per cent)				
	Females				Persons	Females				Persons
	Males	Married	Not married	Total		Males	Married	Not married	Total	
15-64	4,302.0	1,552.9	1,063.2	2,616.1	6,918.1	84.3	46.7	63.8	52.4	68.6
15-19	378.9	11.4	341.4	352.8	731.6	58.3	45.4	57.3	56.8	57.6
20-24	602.3	157.9	324.4	482.3	1,084.6	89.3	57.9	84.9	73.6	81.6
25-34	1,172.1	479.1	191.7	670.9	1,843.0	95.2	48.5	77.4	54.2	74.7
35-44	996.9	496.3	91.5	587.8	1,584.7	94.6	56.8	67.7	58.3	76.8
45-54	712.4	307.2	70.4	377.6	1,089.9	90.5	48.9	57.6	50.3	70.9
55-59	297.7	76.2	27.4	103.6	401.3	78.3	26.1	33.8	27.7	53.2
60-64	141.8	24.9	16.4	41.3	183.0	43.6	10.3	16.1	12.0	27.4
65 and over	61.6	9.6	7.9	17.5	79.1	9.6	2.7	1.5	2.0	5.2
Total	4,363.6	1,562.5	1,071.1	2,633.6	6,997.2	76.0	42.5	48.7	44.8	60.2

TABLE 12. LABOUR FORCE PARTICIPATION RATES(a), BY AGE AND BIRTHPLACE, NOVEMBER 1983
(per cent)

Age group	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
15-64	84.8	53.0	68.8	86.0	51.9	69.6
15-19	60.5	58.5	59.5	57.2	54.4	55.9
20-24	90.6	75.0	83.0	87.3	69.2	77.8
25-34	96.2	53.7	75.0	94.4	56.3	75.0
35-44	95.4	57.8	76.6	94.3	59.5	78.0
45-54	91.1	49.1	69.8	90.7	53.4	73.9
55-59	79.5	28.8	53.1	78.4	25.5	54.8
60-64	40.7	12.4	25.8	52.0	11.4	32.2
65 and over	11.3	2.3	6.1	7.0	1.8	4.3
Total	76.9	45.7	61.0	77.6	45.7	62.1

(a) See the definition of the labour force participation rate in the Explanatory notes.

TABLE 13. EMPLOYED PERSONS: FULL-TIME AND PART-TIME WORKERS, BY AGE, NOVEMBER 1983
('000)

	Age group								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over	
MALES									
Full-time workers	223.7	476.5	1,045.8	915.5	647.3	261.6	116.9	41.6	3,728.9
Part-time workers	70.1	35.3	41.3	27.4	22.9	17.4	15.1	18.4	248.0
Total	293.8	511.8	1,087.0	942.9	670.2	279.0	132.0	60.0	3,976.9
MARRIED FEMALES									
Full-time workers	6.4	108.2	235.5	243.6	159.9	37.7	12.3	*	807.5
Part-time workers	*	34.8	202.7	225.4	134.6	36.3	12.2	5.7	654.2
Total	8.9	143.0	438.3	469.0	294.5	74.1	24.5	9.6	1,461.8
ALL FEMALES									
Full-time workers	185.1	351.3	382.0	307.9	212.0	57.4	21.4	7.4	1,524.4
Part-time workers	95.7	81.2	230.0	244.1	149.0	43.2	19.1	10.1	872.4
Total	280.8	432.5	612.0	552.0	361.0	100.5	40.5	17.5	2,396.9
PERSONS									
Full-time workers	408.7	827.8	1,427.8	1,223.5	859.3	319.0	138.3	49.0	5,253.3
Part-time workers	165.9	116.6	271.3	271.5	171.9	60.6	34.2	28.6	1,120.5
Total	574.6	944.4	1,699.0	1,494.9	1,031.2	379.6	172.5	77.5	6,373.8

TABLE 14. HOURS WORKED BY EMPLOYED PERSONS, NOVEMBER 1983

	Males	Females		Total	Persons
		Married	Not married		
NUMBER EMPLOYED ('000)					
Weekly hours worked -					
0	192.0	71.6	50.0	121.6	313.6
1-15	150.1	306.6	129.9	436.6	586.7
16-29	295.5	298.1	107.2	405.4	700.9
30-34	332.0	141.5	91.0	232.5	564.5
35-39	624.8	208.9	174.8	383.8	1,008.6
40	1,010.0	252.3	258.1	510.4	1,520.4
41-44	224.7	43.5	42.5	86.1	310.8
45-48	326.2	43.4	38.1	81.4	407.6
49 and over	821.5	95.9	43.4	139.3	960.8
Total	3,976.9	1,461.8	935.1	2,396.9	6,373.8
WEEKLY HOURS WORKED					
Aggregate weekly hours worked (million)	158.0	41.4	29.2	70.6	228.6
By full-time workers	154.1	31.1	26.2	57.3	211.3
By part-time workers	3.9	10.4	3.0	13.3	17.2
Average weekly hours worked	39.7	28.3	31.2	29.5	35.9
By full-time workers	41.3	38.5	36.5	37.6	40.2
By part-time workers	15.7	15.8	13.7	15.3	15.4
By wage and salary earners	37.6	27.9	31.1	29.3	34.4
By other than wage and salary earners	49.6	30.3	34.5	30.8	44.0
Average weekly hours worked by persons who worked one hour or more in the survey week	41.7	29.8	33.0	31.0	37.7
By full-time workers	43.4	40.5	38.7	39.6	42.3
By part-time workers	16.5	16.6	14.4	16.1	16.1

TABLE 15. EMPLOYED PERSONS: EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, NOVEMBER 1983 (per cent)

Age group	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
15-64	84.1	64.6	76.8	43.7	55.7	47.7	62.4
15-19	*	45.3	45.2	35.5	45.7	45.2	45.2
20-24	84.2	73.6	75.9	52.5	75.7	66.0	71.1
25-34	91.1	82.2	88.3	44.3	70.1	49.5	68.9
35-44	91.6	76.6	89.5	53.7	61.5	54.7	72.5
45-54	87.2	71.3	85.1	46.9	54.4	48.1	67.1
55-59	75.9	59.3	73.4	25.3	32.6	26.9	50.4
60-64	40.7	40.1	40.7	10.1	15.7	11.8	25.8
65 and over	10.4	6.3	9.3	2.7	1.5	2.0	5.1
Total	74.5	60.0	69.2	39.7	42.5	40.8	54.8

TABLE 16. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, NOVEMBER 1983 ('000)

Reason for working less than 35 hours	Males	Females		Total	Persons
		Married	Not married		
Leave, holiday or flextime	486.6	114.1	112.1	226.2	712.8
Own illness or injury	114.8	30.5	33.1	63.6	178.4
Bad weather, plant breakdown, etc.	12.3	*	*	*	13.0
Began or left job in the survey week	9.7	*	5.0	5.0	16.5
Stood down, on short time, insufficient work	27.9	5.7	*	7.6	35.4
Shift work, standard work arrangements	49.4	8.6	6.6	15.2	64.6
Other reasons	21.0	*	*	*	24.6
Total	721.7	163.6	159.9	323.5	1,045.2

TABLE 17. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY AGE, NOVEMBER 1983 ('000)

	Age group						
	15-19	20-24	25-34	35-44	45-54	55 and over	Total
MALES							
Total	70.1	35.3	41.3	27.4	22.9	51.0	248.0
Preferred not to work more hours	49.9	21.8	22.3	17.1	14.0	44.5	169.7
Preferred to work more hours	20.2	13.5	19.0	10.3	8.8	6.5	78.3
Had actively looked for full-time work in the four weeks to the end of the survey week	9.9	10.0	10.9	5.1	-----	5.5 -----	41.4
MARRIED FEMALES							
Total	*	34.8	202.7	225.4	134.6	54.2	654.2
Preferred not to work more hours	*	28.2	174.1	194.1	122.5	51.5	571.9
Preferred to work more hours	*	6.6	28.6	31.3	12.1	*	82.3
Had actively looked for full-time work in the four weeks to the end of the survey week	*	*	5.5	-----	6.5 -----	*	15.3
ALL FEMALES							
Total	95.7	81.2	230.0	244.1	149.0	72.4	872.4
Preferred not to work more hours	64.7	58.8	193.4	207.1	133.8	68.1	725.9
Preferred to work more hours	31.1	22.5	36.6	37.0	15.2	*	146.6
Had actively looked for full-time work in the four weeks to the end of the survey week	14.3	9.7	8.8	5.5	*	*	41.7
PERSONS							
Total	165.9	116.6	271.3	271.5	171.9	123.4	1,120.5
Preferred not to work more hours	114.6	80.6	215.7	224.2	147.8	112.6	895.5
Preferred to work more hours	51.2	35.9	55.6	47.3	24.1	10.8	224.9
Had actively looked for full-time work in the four weeks to the end of the survey week	24.2	19.7	19.7	10.6	6.2	*	83.1

TABLE 18. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY HOURS WORKED, NOVEMBER 1983 ('000)

	Hours worked by persons who worked in the survey week						Persons who did not work in the survey week	Total
	1-5	6-10	11-15	16-20	21-29	30-34		
MALES								
Total	35.8	52.9	31.7	35.3	40.2	40.9	11.3	248.0
Preferred not to work more hours	22.2	37.5	20.7	22.5	26.7	31.0	9.1	169.7
Preferred to work more hours	13.5	15.4	11.0	12.8	13.4	9.9	*	78.3
Had actively looked for full-time work in the four weeks to the end of the survey week	7.2	11.2	7.1	7.2	5.6	*	*	41.4
MARRIED FEMALES								
Total	69.9	126.9	102.9	125.7	116.8	81.1	31.0	654.2
Preferred not to work more hours	56.3	107.4	88.6	111.3	104.7	75.9	27.7	571.9
Preferred to work more hours	13.5	19.5	14.2	14.5	12.1	5.1	*	82.3
Had actively looked for full-time work in the four weeks to the end of the survey week	----	6.1	----	4.6	----	*	*	15.3
ALL FEMALES								
Total	110.1	186.0	126.9	153.9	150.5	103.8	41.2	872.4
Preferred not to work more hours	85.5	152.7	103.3	127.4	127.2	94.0	35.7	725.9
Preferred to work more hours	24.6	33.3	23.6	26.5	23.3	9.8	5.5	146.6
Had actively looked for full-time work in the four weeks to the end of the survey week	7.1	9.1	6.8	7.6	7.7	*	*	41.7
PERSONS								
Total	145.9	238.9	158.6	189.2	190.6	144.7	52.5	1,120.5
Preferred not to work more hours	107.8	190.2	124.0	149.9	153.9	125.0	44.7	895.5
Preferred to work more hours	38.1	48.6	34.6	39.2	36.8	19.7	7.8	224.9
Had actively looked for full-time work in the four weeks to the end of the survey week	14.3	20.3	13.9	14.8	13.3	4.9	*	83.1

TABLE 19. EMPLOYED PERSONS: INDUSTRY OF FULL-TIME AND PART-TIME WORKERS, NOVEMBER 1983 ('000)

Industry division or subdivision	Full-time workers		Part-time workers		Total			
	Males	Females	Males	Females	Males	Married females	All females	Total
Agriculture, forestry, fishing and hunting	299.3	48.9	17.6	52.3	316.8	85.3	101.2	418.0
Agriculture and services to agriculture	278.7	47.0	16.6	51.2	295.3	83.3	98.2	393.5
Forestry and logging, fishing and hunting	20.5	*	*	*	21.5	*	*	24.5
Mining	89.9	5.5	*	*	90.7	*	6.4	97.1
Manufacturing	829.7	243.5	23.3	53.0	853.0	198.6	296.5	1,149.5
Food, beverages and tobacco	130.2	39.2	5.9	10.8	136.1	31.3	50.0	186.1
Metal products	164.4	20.4	*	*	168.1	16.1	24.7	192.8
Other manufacturing	535.1	184.0	13.7	37.9	548.8	151.2	221.9	770.7
Electricity, gas and water	125.8	12.9	*	*	126.7	6.2	14.3	141.0
Construction	340.7	19.6	19.4	23.9	360.1	35.7	43.5	403.5
Wholesale and retail trade	646.6	302.0	71.9	244.7	718.6	307.0	546.7	1,265.3
Wholesale trade	256.1	71.5	8.9	30.5	265.0	65.0	102.0	367.1
Retail trade	390.5	230.5	63.0	214.2	453.5	242.0	444.7	898.2
Transport and storage	293.8	32.2	13.7	16.4	307.5	27.8	48.6	356.0
Communication	102.4	30.3	*	9.5	104.2	25.2	39.8	144.0
Finance, property and business services	285.6	195.6	21.0	76.1	306.6	146.3	271.7	578.3
Public administration and defence	210.1	87.1	*	14.8	213.5	51.9	102.0	315.4
Community services	362.8	439.4	34.9	243.5	397.7	431.2	684.9	1,082.6
Recreation, personal and other services	142.2	107.4	39.4	134.0	181.7	143.2	241.4	423.1
Total	3,728.9	1,524.4	248.0	872.4	3,976.9	1,461.8	2,396.9	6,373.8

TABLE 20. EMPLOYED PERSONS: INDUSTRY AND STATUS OF WORKER, NOVEMBER 1983 ('000)

Industry division or subdivision	Employers		Self-employed		Wage and salary earners		Total(a)		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
Agriculture, forestry, fishing & hunting	48.4	17.3	143.6	50.9	117.3	26.1	316.8	101.2	418.0
Agriculture and services to agriculture	45.0	16.9	138.2	50.2	104.9	24.2	295.3	98.2	393.5
Forestry & logging, fishing & hunting	*	*	5.4	*	12.5	*	21.5	*	24.5
Mining	*	*	*	*	89.4	6.4	90.7	6.4	97.1
Manufacturing	17.8	7.7	20.2	8.0	813.7	280.4	853.0	296.5	1,149.5
Food, beverages and tobacco	*	*	*	*	132.9	47.6	136.1	50.0	186.1
Metal products	*	*	*	*	162.1	23.2	168.1	24.7	192.8
Other manufacturing	13.3	6.0	15.5	6.1	518.8	209.6	548.8	221.9	770.7
Electricity, gas and water	*	*	*	*	126.7	14.3	126.7	14.3	141.0
Construction	31.6	7.2	94.3	9.8	233.5	25.6	360.1	43.5	403.5
Wholesale and retail trade	70.8	40.2	75.3	57.2	570.0	446.5	718.6	546.7	1,265.3
Wholesale trade	9.2	5.1	16.7	9.5	238.6	87.0	265.0	102.0	367.1
Retail trade	61.5	35.1	58.6	47.7	331.4	359.5	453.5	444.7	898.2
Transport and storage	9.4	*	34.2	6.9	263.9	38.0	307.5	48.6	356.0
Communication	*	*	*	*	103.2	38.9	104.2	39.8	144.0
Finance, property and business services	26.1	4.9	34.2	12.2	246.1	253.8	306.6	271.7	578.3
Public administration and defence	*	*	*	*	213.5	101.8	213.5	102.0	315.4
Community services	16.6	*	7.3	11.8	373.1	669.5	397.7	684.9	1,082.6
Recreation, personal and other services	21.2	17.2	25.1	22.9	134.5	199.9	181.7	241.4	423.1
Total	242.5	101.3	435.7	180.1	3,284.7	2,101.2	3,976.9	2,396.9	6,373.8
Full-time workers	235.7	56.3	389.0	78.7	3,095.6	1,381.7	3,728.9	1,524.4	5,253.3

(a) Includes unpaid family helpers

TABLE 21. EMPLOYED PERSONS: INDUSTRY, AGE AND BIRTHPLACE, NOVEMBER 1983 ('000)

Industry division or subdivision	Age group						Total	Born in Australia	Born outside Australia
	15-19	20-24	25-34	35-44	45-54	55 and over			
Agriculture, forestry, fishing and hunting	29.2	39.5	87.6	99.1	80.7	81.9	418.0	372.5	45.4
Agriculture and services to agriculture	27.8	36.6	80.3	94.4	75.6	78.8	393.5	350.9	42.6
Forestry and logging, fishing and hunting	*	*	7.4	4.7	5.1	*	21.5	21.7	*
Mining	5.1	12.5	32.4	26.2	14.4	6.5	97.1	73.3	23.8
Manufacturing	96.9	175.5	291.4	264.2	206.6	115.0	1,149.5	713.5	436.0
Food, beverages and tobacco	15.6	28.3	49.1	43.1	30.3	19.7	186.1	131.8	54.3
Metal products	16.5	30.6	47.4	43.8	34.7	19.7	192.8	121.3	71.5
Other manufacturing	64.9	116.5	194.8	177.3	141.6	75.6	770.7	460.5	310.2
Electricity, gas and water	8.2	21.4	33.5	30.1	30.4	17.5	141.0	110.3	30.7
Construction	25.2	59.3	112.3	109.1	63.9	33.8	403.5	280.1	123.4
Wholesale and retail trade	236.0	197.0	279.5	281.8	176.5	94.5	1,265.3	963.5	301.8
Wholesale trade	22.7	53.5	101.3	96.7	59.6	33.2	367.1	276.4	90.6
Retail trade	213.3	143.5	178.2	185.0	116.9	61.3	898.2	687.0	211.2
Transport and storage	12.7	39.7	104.5	87.0	67.0	45.1	356.0	270.9	85.1
Communication	*	19.0	49.0	34.7	21.8	15.6	144.0	107.9	36.1
Finance, property and business services	46.7	101.8	183.8	128.4	73.3	44.4	578.3	437.3	141.0
Public administration and defence	17.0	52.4	93.1	66.8	53.9	32.2	315.4	252.3	63.2
Community services	40.4	149.5	323.9	276.7	187.0	105.0	1,082.6	829.8	252.8
Recreation, personal and other services	53.2	76.8	108.1	91.0	55.8	38.2	423.1	310.2	112.8
Total	574.6	944.4	1,699.0	1,494.9	1,031.2	629.7	6,373.8	4,721.6	1,652.2

TABLE 22. EMPLOYED PERSONS: INDUSTRY AND HOURS WORKED, NOVEMBER 1983

Industry division or subdivision	Hours worked									Total	Average weekly hours worked (hours)	
	0	1-15	16-29	30-34	35-39	40	41-44	45-48	49 and over			
	- '000 -											
	MALES											
Agriculture, forestry, fishing & hunting	6.8	9.6	14.4	10.7	10.7	49.8	8.7	19.6	186.6	316.8	54.1	
Agriculture & services to agriculture	5.2	8.6	13.4	8.5	8.6	44.6	7.4	18.1	181.0	295.3	55.0	
Forestry & logging, fishing & hunting			5.7		*	5.3	*	*	5.6	21.5	42.1	
Mining	6.7	*	7.8	5.8	21.7	20.8	5.0	9.3	12.4	90.7	37.5	
Manufacturing	42.2	11.9	79.1	87.6	164.2	239.6	52.4	75.7	100.3	853.0	37.5	
Food, beverages and tobacco	9.4	*	9.5	13.2	18.9	40.2	9.6	14.2	18.7	136.1	37.6	
Metal products	7.6	*	13.7	16.9	35.0	48.6	9.6	16.9	18.0	168.1	37.7	
Other manufacturing	25.2	7.5	55.9	57.5	110.3	150.9	33.1	44.6	63.7	548.8	37.3	
Electricity, gas and water	6.6	*	15.2	22.6	40.4	23.4	7.6	*	5.3	126.7	34.3	
Construction	14.9	9.8	36.0	34.8	41.1	108.4	14.2	33.9	67.0	360.1	39.0	
Wholesale and retail trade	25.9	53.8	32.8	41.8	66.7	207.4	49.1	67.0	173.9	718.6	40.5	
Wholesale trade	9.5	6.2	9.9	20.7	35.8	89.8	17.4	27.2	48.6	265.0	40.2	
Retail trade	16.4	47.6	22.9	21.2	30.9	117.7	31.7	39.7	125.4	453.5	40.7	
Transport and storage	27.3	7.6	17.8	21.2	41.8	78.2	19.7	26.6	67.4	307.5	39.3	
Communication	8.7	*	9.5	13.9	38.0	16.8	7.6	5.4	*	104.2	33.4	
Finance, property and business services	11.2	11.2	19.2	29.4	55.7	61.2	18.8	31.1	68.8	306.6	40.0	
Public administration and defence	12.4	5.1	17.6	24.1	64.1	57.5	10.0	8.2	14.3	213.5	35.3	
Community services	21.5	12.5	31.5	31.7	69.3	105.8	21.7	31.9	71.7	397.7	38.8	
Recreation, personal and other services	7.8	24.8	14.7	8.5	10.9	40.9	9.9	13.1	51.1	181.7	39.5	
Total employed	192.0	150.1	295.5	332.0	624.8	1,010.0	224.7	326.2	821.5	3,976.9	39.7	
MARRIED FEMALES												
Agriculture, forestry, fishing & hunting	*	26.9	17.3	4.8	4.6	5.6	*	*	18.3	85.3	30.7	
Agriculture & services to agriculture	*	26.3	16.9	4.6	*	5.4	*	*	17.9	83.3	30.8	
Mining	*	*	*	*	*	*	*	*	*	*	*	
Manufacturing	6.9	15.7	38.1	21.5	39.5	57.4	6.8	6.3	6.6	198.6	32.1	
Food, beverages and tobacco	---	4.7	---	4.6	---	6.7	---	*	*	31.3	31.7	
Metal products	---	---	---	5.6	---	5.5	---	4.8	---	16.1	32.2	
Other manufacturing	4.9	11.0	31.3	16.6	27.3	45.6	5.3	4.9	4.5	151.2	32.1	
Electricity, gas and water	*	*	*	---	4.8	---	*	*	*	6.2	32.1	
Construction	*	15.0	6.1	---	6.4	---	---	6.0	---	35.7	21.4	
Wholesale and retail trade	12.6	69.6	65.9	26.6	26.1	50.0	15.0	10.3	30.9	307.0	29.1	
Wholesale trade	*	12.3	12.2	6.2	8.9	13.4	---	6.0	---	65.0	29.1	
Retail trade	10.0	57.3	53.7	20.4	17.2	36.6	11.7	7.6	27.5	242.0	29.1	
Transport and storage	*	9.3	4.8	---	6.3	---	5.4	---	*	27.8	24.4	
Communication	---	5.4	---	4.7	*	7.5	---	4.7	---	25.2	28.4	
Finance, property and business services	7.6	31.9	29.1	17.7	30.3	19.0	---	6.1	---	146.3	26.7	
Public administration and defence	*	6.2	7.5	5.3	19.7	5.9	*	*	*	51.9	29.2	
Community services	22.3	83.3	91.2	48.1	58.9	85.7	10.2	14.5	17.0	431.2	27.7	
Recreation, personal and other services	9.0	45.7	32.4	8.7	10.7	16.0	---	6.4	---	143.2	25.6	
Total employed	71.6	306.6	298.1	141.5	208.9	252.3	43.5	43.4	95.9	1,461.8	28.3	
ALL FEMALES												
Agriculture, forestry, fishing & hunting	*	29.1	20.3	5.4	5.6	8.7	---	5.0	---	23.3	101.2	32.0
Agriculture & services to agriculture	*	28.5	19.8	4.9	5.0	8.5	---	5.0	---	22.5	98.2	31.8
Mining	*	*	*	*	*	*	*	*	*	*	6.4	34.7
Manufacturing	11.5	20.8	51.8	31.1	62.6	88.3	12.6	9.0	8.7	296.5	32.5	
Food, beverages and tobacco	*	4.8	7.2	6.5	8.9	13.5	---	6.1	---	50.0	31.6	
Metal products	*	---	5.7	---	7.9	5.8	*	*	*	24.7	32.0	
Other manufacturing	7.6	13.8	41.0	22.5	45.7	69.0	10.0	6.7	5.6	221.9	32.7	
Electricity, gas and water	*	---	5.0	---	6.6	*	*	*	*	14.3	32.0	
Construction	*	15.5	6.5	*	6.3	6.3	*	*	*	43.5	23.4	
Wholesale and retail trade	25.4	138.8	89.4	45.4	49.1	114.9	26.5	18.7	38.4	546.7	28.0	
Wholesale trade	*	13.4	15.9	9.1	17.4	28.1	4.5	*	4.8	102.0	31.2	
Retail trade	21.0	125.5	73.5	36.3	31.7	86.8	21.9	14.3	33.7	444.7	27.3	
Transport and storage	*	10.0	6.4	*	8.0	11.3	---	6.2	---	48.6	29.1	
Communication	---	7.7	---	6.4	5.4	12.0	4.9	*	*	39.8	29.3	
Finance, property and business services	16.7	36.2	39.7	33.4	67.5	54.4	9.6	7.1	7.1	271.7	29.7	
Public administration and defence	6.7	7.8	13.5	12.2	40.4	14.0	---	4.8	---	102.0	31.0	
Community services	35.1	100.6	121.8	74.9	103.4	167.2	19.5	28.6	33.6	684.9	30.0	
Recreation, personal and other services	13.3	73.3	47.2	14.2	20.2	36.1	7.7	8.9	20.6	241.4	26.4	
Total employed	121.6	436.6	405.4	232.5	383.8	510.4	86.1	81.4	139.3	2,396.9	29.5	
PERSONS												
Agriculture, forestry, fishing & hunting	10.6	38.7	34.7	16.1	16.3	58.5	11.2	22.1	209.8	418.0	48.8	
Agriculture & services to agriculture	9.0	37.2	33.2	13.5	13.5	53.1	9.9	20.6	203.5	393.5	49.2	
Forestry & logging, fishing & hunting	---	4.6	---	---	5.4	---	*	*	6.3	24.5	41.5	
Mining	7.0	*	8.7	6.1	23.7	22.9	5.4	9.4	12.7	97.1	37.3	
Manufacturing	53.8	32.8	130.9	118.7	226.8	327.9	65.0	84.7	109.0	1,149.5	36.2	
Food, beverages and tobacco	12.3	7.4	16.7	19.7	27.8	53.6	11.7	15.8	21.1	186.1	36.0	
Metal products	8.7	*	17.2	19.0	43.0	54.4	10.2	17.6	18.7	192.8	37.0	
Other manufacturing	32.8	21.4	96.9	80.0	156.0	219.9	43.1	51.3	69.2	770.7	36.0	
Electricity, gas and water	6.9	*	16.8	25.1	47.0	25.5	7.7	*	5.4	141.0	34.1	
Construction	16.4	25.3	42.5	38.2	47.5	114.7	14.9	35.9	68.2	403.5	37.3	
Wholesale and retail trade	51.3	192.7	122.2	87.2	115.8	322.4	75.5	85.7	212.3	1,265.3	35.1	
Wholesale trade	13.9	19.6	25.8	29.8	53.2	117.9	21.9	31.7	53.3	367.1	37.7	
Retail trade	37.4	173.1	96.4	57.4	62.6	204.5	53.6	54.1	159.0	898.2	34.1	
Transport and storage	29.6	17.5	24.2	25.4	49.8	89.5	21.6	28.4	69.9	356.0	37.9	
Communication	13.1	4.9	15.9	19.3	50.1	21.6	9.3	6.2	*	144.0	32.3	
Finance, property and business services	27.9	47.3	58.8	62.8	123.2	115.7	28.4	38.2	76.0	578.3	35.2	
Public administration and defence	19.2	12.9	31.1	36.3	104.6	71.5	13.0	10.1	16.8	315.4	33.9	
Community services	56.7	113.1	153.3	106.6	172.7	273.1	41.2	60.5	105.3	1,082.6	33.2	
Recreation, personal and other services	21.0	98.2	61.9	22.6	31.0	77.0	17.6	22.0	71.8	423.1	32.1	
Total employed	313.6	586.7	700.9	564.5	1,008.6	1,520.4	310.8	407.6	960.8	6,373.8	35.9	

TABLE 23. EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, NOVEMBER 1983
('000)

Industry division	Occupation group								Total
	Pro- fessional, technical, etc.	Adminia- trative, executive, and managerial	Clerical	Sales	Farmers, fishermen, timber- getters, etc.	Transport and communi- cation	Tradesmen, production- process workers and labourers, n.e.c.; and miners, quarrymen, etc.	Service, sport and recreation etc.	
MALES									
Agriculture, forestry, fishing and hunting	*	*	*	*	300.9	*	5.3	*	316.8
Mining	10.1	*	*	*	*	*	68.7	*	90.7
Manufacturing	63.3	71.3	36.9	25.1	*	28.9	612.2	11.9	853.0
Electricity, gas and water	23.0	*	13.2	*	*	5.1	79.4	*	126.7
Construction	13.4	19.4	6.4	*	5.3	7.6	305.4	*	360.1
Wholesale and retail trade	27.2	144.0	32.5	189.0	8.6	32.7	272.3	12.1	718.6
Transport and storage	8.9	16.9	31.5	*	*	158.8	79.2	7.7	307.5
Communication	10.7	*	15.1	*	*	24.9	48.3	*	104.2
Finance, property and business services	96.6	45.1	78.8	37.2	*	4.7	16.6	26.6	306.6
Public administration and defence	38.7	18.2	62.7	*	10.3	13.2	62.6	6.7	213.5
Community services	226.5	12.0	20.3	*	8.8	7.3	44.0	76.9	397.7
Recreation, personal and other services	15.6	36.2	9.0	*	20.4	*	14.1	79.5	181.7
Total	536.9	371.1	311.3	263.7	363.3	294.5	1,608.0	228.1	3,976.9
FEMALES									
Agriculture, forestry, fishing and hunting	*	*	6.4	*	89.2	*	*	*	101.2
Mining	*	*	*	*	*	*	*	*	6.4
Manufacturing	12.4	6.8	90.9	12.0	*	*	163.9	7.6	296.5
Electricity, gas and water	*	*	12.1	*	*	*	*	*	14.3
Construction	*	*	35.9	*	*	*	*	*	43.5
Wholesale and retail trade	6.5	25.6	169.1	283.4	*	*	35.1	21.7	546.7
Transport and storage	*	*	31.4	*	*	10.1	*	*	48.6
Communication	*	*	13.6	*	*	22.0	*	*	39.8
Finance, property and business services	20.1	6.5	203.3	8.9	*	*	*	28.6	271.7
Public administration and defence	10.0	*	76.1	*	*	*	*	11.0	102.0
Community services	383.3	8.1	131.1	*	*	*	8.2	147.4	684.9
Recreation, personal and other services	13.1	9.1	40.4	6.7	*	*	*	166.6	241.4
Total	430.1	60.2	814.7	315.7	95.7	48.2	217.5	394.7	2,396.9
PERSONS									
Agriculture, forestry, fishing and hunting	*	*	7.8	*	390.1	*	6.0	*	418.0
Mining	11.0	*	7.9	*	*	*	68.8	*	97.1
Manufacturing	75.7	78.1	127.8	37.1	*	31.9	776.1	19.4	1,149.5
Electricity, gas and water	24.0	*	25.3	*	*	5.7	79.6	*	141.0
Construction	14.6	20.5	42.3	*	6.0	7.9	308.6	*	403.5
Wholesale and retail trade	33.8	169.5	201.6	472.5	10.6	36.1	307.4	33.8	1,265.3
Transport and storage	9.5	18.5	62.9	*	*	168.9	80.2	11.2	356.0
Communication	11.4	*	28.7	*	*	46.9	49.4	5.3	144.0
Finance, property and business services	116.7	51.5	282.1	46.1	*	7.5	17.7	55.3	578.3
Public administration and defence	48.7	19.6	138.8	*	10.9	14.5	63.7	17.7	315.4
Community services	609.8	20.1	151.5	5.0	9.2	10.5	52.2	224.3	1,082.6
Recreation, personal and other services	28.7	45.3	49.4	10.7	23.0	*	15.8	246.1	423.1
Total	987.0	431.3	1,125.9	579.4	459.0	342.7	1,825.5	622.9	6,373.8

TABLE 24. EMPLOYED PERSONS BY INDUSTRY SUBDIVISIONS, NOVEMBER 1983
('000)

Industry division and subdivision	Males	Married females	All females	Persons
AGRICULTURE, FORESTRY, FISHING AND HUNTING	316.8	85.3	101.2	418.0
Agriculture and services to agriculture	295.3	83.3	98.2	393.5
Forestry and logging	12.5	*	*	13.5
Fishing and hunting	9.0	*	*	11.0
MINING	90.7	*	6.4	97.1
Metallic minerals	36.8	*	*	38.9
Coal	38.7	*	*	39.7
Oil and gas	*	*	*	*
Other mining	13.2	*	*	16.4
MANUFACTURING	853.0	198.6	296.5	1,149.5
Food, beverages and tobacco	136.1	31.3	50.0	186.1
Textiles	18.6	10.6	13.8	32.3
Knitting mills and clothing	14.0	39.5	58.1	72.0
Footwear	5.9	5.0	7.6	13.5
Wood, wood products and furniture	77.2	11.6	14.4	91.6
Paper, paper products, printing and publishing	84.6	21.6	36.7	121.4
Chemical, petroleum and coal products	41.9	9.9	15.5	57.4
Non-metallic mineral products	42.9	4.7	7.7	50.6
Basic metal products	83.0	*	7.0	90.0
Fabricated metal products	85.1	13.0	17.7	102.8
Transport equipment	101.4	9.2	11.3	112.7
Other machinery and equipment	111.0	27.4	40.5	151.6
Miscellaneous manufacturing	51.5	11.5	16.2	67.7
ELECTRICITY, GAS AND WATER	126.7	6.2	14.3	141.0
Electricity and gas	83.9	*	9.7	93.5
Water, sewerage and drainage	42.8	*	4.6	47.4
CONSTRUCTION	360.1	35.7	43.5	403.5
General construction	158.4	13.4	19.8	178.2
Special trade construction	201.7	22.3	23.7	225.4
WHOLESALE AND RETAIL TRADE	718.6	307.0	546.7	1,265.3
Wholesale trade	265.0	65.0	102.0	367.1
Retail trade	453.5	242.0	444.7	898.2
TRANSPORT AND STORAGE	307.5	27.8	48.6	356.0
Road transport	140.2	17.0	24.0	164.2
Railway transport	79.1	*	4.6	83.7
Water transport	31.4	*	*	33.2
Air transport	35.3	*	6.9	42.2
Other transport and storage	21.5	4.7	11.3	32.8
COMMUNICATION	104.2	25.2	39.8	144.0
FINANCE, PROPERTY AND BUSINESS SERVICES	306.6	146.3	271.7	578.3
Finance and investment	94.7	37.9	90.5	185.3
Insurance and services to insurance	34.3	16.3	34.5	68.8
Property and business services	177.6	92.1	146.6	324.3
PUBLIC ADMINISTRATION AND DEFENCE	213.5	51.9	102.0	315.4
Public administration	192.0	47.5	93.8	285.8
Defence	21.4	*	8.2	29.6
COMMUNITY SERVICES	397.7	431.2	684.9	1,082.6
Health	112.4	202.0	334.5	446.9
Education, museum and library services	163.4	178.4	263.6	427.0
Welfare and religious institutions	36.9	32.3	54.6	91.5
Other community services	85.0	18.5	32.1	117.1
RECREATION, PERSONAL AND OTHER SERVICES	181.7	143.2	241.4	423.1
Entertainment and recreational services	54.0	27.9	43.6	97.6
Restaurants, hotels and clubs	89.7	75.1	121.2	210.9
Personal services	34.5	33.8	63.5	98.1
Private households employing staff	*	6.3	13.1	16.5
TOTAL	3,976.9	1,461.8	2,396.9	6,373.8

TABLE 25. EMPLOYED PERSONS: OCCUPATION OF FULL-TIME AND PART-TIME WORKERS, NOVEMBER 1983 ('000)

Occupation group	Full-time workers		Part-time workers		Total		All	
	Males	Females	Males	Females	Males	Married females	females	Persons
Professional, technical, etc.	505.5	317.5	31.4	132.7	536.9	268.5	450.1	987.0
Administrative, executive and managerial	363.4	48.5	7.6	11.7	371.1	42.7	60.2	431.3
Clerical	302.8	580.1	8.5	234.6	311.3	462.8	814.7	1,125.9
Sales	226.6	165.6	37.1	150.1	263.7	171.8	315.7	579.4
Farmers, fishermen, timber-getters, etc.	331.4	46.0	31.9	49.8	363.3	81.3	95.7	459.0
Miners, quarrymen and related workers	36.3	*	*	*	36.5	*	*	36.9
Transport and communication	276.8	30.9	17.8	17.3	294.5	31.0	48.2	342.7
Tradesmen, production-process workers and labourers, n.e.c.	1,500.6	171.7	71.0	45.4	1,571.5	147.3	217.1	1,788.6
Service, sport and recreation	185.5	164.2	42.6	230.6	228.1	255.9	394.7	622.9
Total	3,728.9	1,524.4	248.0	872.4	3,976.9	1,461.8	2,396.9	6,373.8

TABLE 26. EMPLOYED PERSONS: OCCUPATION AND STATUS OF WORKER, NOVEMBER 1983 ('000)

Occupation group	Employers		Self-employed		Wage and salary earners		Total(a)		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
Professional, technical, etc.	39.0	*	22.4	14.5	475.2	431.5	536.9	450.1	987.0
Administrative, executive and managerial	72.3	17.0	12.4	*	285.9	39.7	371.1	60.2	431.3
Clerical	*	27.1	*	26.2	308.3	757.6	311.3	814.7	1,125.9
Sales	9.3	19.1	44.2	45.6	208.9	249.5	263.7	315.7	579.4
Farmers, fishermen, timber-getters, etc.	51.2	16.5	155.1	51.3	148.8	22.5	363.3	95.7	459.0
Miners, quarrymen and related workers	*	*	*	*	34.9	*	36.5	*	36.9
Transport and communication	9.2	*	42.1	4.7	242.4	41.5	294.5	48.2	342.7
Tradesmen, production-process workers and labourers, n.e.c.	52.5	5.5	139.1	13.3	1,377.4	198.0	1,571.5	217.1	1,788.6
Service, sport and recreation	8.2	10.2	16.6	21.1	202.8	360.8	228.1	394.7	622.9
Total	242.5	101.3	435.7	180.1	3,284.7	2,101.2	3,976.9	2,396.9	6,373.8
Full-time workers	235.7	56.3	389.0	78.7	3,095.6	1,381.7	3,728.9	1,524.4	5,253.3

(a) Includes unpaid family helpers

TABLE 27. EMPLOYED PERSONS: OCCUPATION, AGE AND BIRTHPLACE, NOVEMBER 1983 ('000)

Occupation group	Age group						Total	Born in Australia	Born outside Australia
	15-19	20-24	25-34	35-44	45-54	55 and over			
Professional, technical, etc.	17.8	125.8	348.8	266.3	147.6	80.6	987.0	747.4	239.6
Administrative, executive and managerial	*	17.2	98.6	152.8	101.7	59.8	431.3	310.8	120.4
Clerical	124.6	246.5	321.2	230.6	131.1	71.9	1,125.9	891.4	234.5
Sales	126.5	84.2	121.7	117.9	83.8	45.4	579.4	441.3	138.1
Farmers, fishermen, timber-getters, etc.	35.2	46.2	92.7	103.3	88.4	93.1	459.0	403.8	55.2
Miners, quarrymen and related workers	5.3	---	11.9	10.8	6.0	*	36.9	29.4	7.6
Transport and communication	9.2	34.9	97.5	89.2	68.1	43.7	342.7	270.6	72.2
Tradesmen, production-process workers and labourers, n.e.c.	188.5	294.2	463.7	383.3	293.4	165.5	1,788.6	1,190.5	598.2
Service, sport and recreation	70.6	90.9	142.9	140.7	111.0	66.7	622.9	436.5	186.4
Total	574.6	944.4	1,699.0	1,494.9	1,031.2	629.7	6,373.8	4,721.6	1,652.2

TABLE 28. EMPLOYED PERSONS: OCCUPATION AND HOURS WORKED, NOVEMBER 1983

Occupation group	Hours worked									Total	Average weekly hours worked (hours)
	0	1-15	16-29	30-34	35-39	40	41-44	45-48	49 and over		
	- '000 -										
MALES											
Professional, technical, etc.	19.5	13.2	39.8	46.9	118.5	112.2	30.7	44.9	111.2	536.9	40.0
Administrative, executive & managerial	14.0	*	12.0	15.4	35.0	71.8	18.6	42.2	158.9	371.1	47.4
Clerical	19.6	5.3	22.5	37.4	101.7	71.6	17.6	13.5	22.0	311.3	35.2
Sales	8.5	29.0	11.4	15.9	19.7	66.7	20.8	25.4	66.2	263.7	40.0
Farmers, fishermen, timber-getters, etc.	8.7	19.2	19.2	17.0	15.0	63.2	9.8	21.8	189.4	363.3	51.0
Transport and communication	22.9	9.2	18.3	20.4	37.1	75.3	20.5	24.6	66.2	294.5	39.5
Tradesmen, production-process workers and labourers, n.e.c.; and miners, quarrymen, etc.	82.7	44.6	152.5	164.1	279.4	484.8	93.3	134.7	171.8	1,608.0	36.8
Service, sport and recreation	16.1	26.2	19.8	15.0	18.3	64.4	13.5	19.1	35.7	228.1	35.4
Total employed	192.0	150.1	295.5	332.0	624.8	1,010.0	224.7	326.2	821.5	3,976.9	39.7
MARRIED FEMALES											
Professional, technical, etc.	14.3	42.3	51.8	29.6	37.0	54.7	10.2	11.9	16.8	268.5	29.4
Administrative, executive & managerial	---	6.8	---	4.6	---	7.1	---	5.1	---	9.6	42.7
Clerical	20.2	92.5	94.9	45.5	103.0	70.3	13.4	8.6	14.3	462.8	27.6
Sales	7.8	41.3	35.0	14.7	12.7	24.5	8.5	5.8	21.6	171.8	29.6
Farmers, fishermen, timber-getters, etc.	*	24.6	17.3	4.6	*	5.8	*	*	18.0	81.3	31.2
Transport and communication	*	6.6	5.4	*	6.2	---	5.1	---	*	31.0	26.2
Tradesmen, production-process workers and labourers, n.e.c.; and miners, quarrymen, etc.	4.5	15.3	28.3	15.7	25.9	43.9	*	4.9	4.8	147.7	31.5
Service, sport and recreation	15.6	80.0	60.8	25.6	16.1	39.3	*	5.5	10.0	255.9	23.7
Total employed	71.6	306.6	298.1	141.5	208.9	252.3	43.5	43.4	95.9	1,461.8	28.3
ALL FEMALES											
Professional, technical, etc.	23.7	53.0	71.2	47.9	66.4	113.6	18.7	23.4	32.3	450.1	31.7
Administrative, executive & managerial	*	4.5	5.5	*	7.3	12.6	*	6.7	13.7	60.2	39.2
Clerical	41.5	119.9	131.5	84.4	203.6	168.7	27.2	18.2	19.6	814.7	29.4
Sales	15.5	86.5	48.6	26.5	23.1	60.6	16.9	10.6	27.2	315.7	28.0
Farmers, fishermen, timber-getters, etc.	*	26.8	19.9	5.1	4.5	8.7	---	4.9	---	21.6	95.7
Transport and communication	*	8.1	7.3	5.1	10.5	7.6	---	5.3	---	48.2	28.4
Tradesmen, production-process workers and labourers, n.e.c.; and miners, quarrymen, etc.	7.7	20.8	38.2	23.2	41.1	66.0	8.3	6.3	6.1	217.5	31.8
Service, sport and recreation	21.3	116.9	83.2	36.8	27.3	72.5	7.7	12.0	16.9	394.7	24.9
Total employed	121.6	436.6	405.4	232.5	383.8	510.4	86.1	81.4	139.3	2,396.9	29.5
PERSONS											
Professional, technical, etc.	43.1	66.2	111.0	94.8	185.0	225.7	49.4	68.3	143.5	987.0	36.2
Administrative, executive, & managerial	17.3	7.8	17.5	18.9	42.3	84.4	21.5	48.9	172.6	431.3	46.3
Clerical	61.2	125.2	154.0	121.9	305.3	240.4	44.8	31.7	41.5	1,125.9	31.0
Sales	24.0	115.5	60.0	42.4	42.9	127.3	37.7	36.1	93.4	579.4	33.5
Farmers, fishermen, timber-getters, etc.	12.9	46.1	39.1	22.0	19.5	71.9	12.2	24.3	211.0	459.0	47.0
Transport and communication	27.2	17.3	25.6	25.5	47.6	82.9	22.3	26.2	68.1	342.7	37.9
Tradesmen, production-process workers and labourers, n.e.c.; and miners, quarrymen, etc.	90.4	65.4	190.7	187.3	320.5	550.8	101.5	141.0	177.9	1,825.5	36.2
Service, sport and recreation	37.5	143.1	103.0	51.7	45.6	137.0	21.2	31.1	52.7	622.9	28.8
Total employed	313.6	586.7	700.9	564.5	1,008.6	1,520.4	310.8	407.6	960.8	6,373.8	35.9

TABLE 29. EMPLOYED PERSONS: MAJOR AND MINOR OCCUPATION GROUPS, NOVEMBER 1983
('000)

Occupation group(a)	Males	Married females	All females	Persons
PROFESSIONAL, TECHNICAL AND RELATED WORKERS	536.9	268.5	450.1	987.0
Architects, engineers and surveyors, professional	73.3	*	*	75.0
Chemists, physicists, geologists and other physical scientists	14.9	*	*	16.6
Biologists, veterinarians, agronomists and related scientists	11.4	*	*	14.2
Medical practitioners and dentists	30.6	5.8	7.7	38.3
Nurses, including probationers or trainees	12.5	83.5	150.9	163.4
Professional medical workers, n.e.c.	14.0	10.5	18.2	32.2
Teachers	117.9	113.1	168.8	286.7
Clergy and related members of religious orders	12.7	*	*	15.1
Law professionals	20.7	*	*	23.8
Artists, entertainers, writers and related workers	27.0	11.9	23.3	50.3
Draftsmen and technicians, n.e.c.	91.5	14.1	27.1	118.6
ADMINISTRATIVE, EXECUTIVE AND MANAGERIAL	371.1	42.7	60.2	431.3
Administrative and executive officials, government, n.e.c.	11.2	*	*	11.4
Employers, workers on own account, directors, managers, n.e.c.	359.9	42.7	59.9	419.8
CLERICAL	311.3	462.8	814.7	1,125.9
Book-keepers and cashiers	29.3	74.0	129.3	158.6
Stenographers and typists	*	110.8	190.1	191.3
SALES	263.7	171.8	315.7	579.4
Insurance, real estate salesmen, auctioneers and valuers	36.6	5.1	6.2	42.7
Commercial travellers and manufacturers agents	55.3	7.9	11.8	67.1
Proprietors and shopkeepers, workers on own account, n.e.c. and retail and wholesale trade; salesmen, shop assistants etc.	171.9	158.8	297.7	469.6
FARMERS, FISHERMEN, TIMBER-GETTERS, ETC.	363.3	81.3	95.7	459.0
Farmers and farm managers	194.6	63.5	69.7	264.3
Farm workers, including farm foremen	149.1	17.2	25.2	174.4
Fishermen and related workers	8.7	*	*	9.4
Timber-getters and other forestry workers	9.7	*	*	9.7
MINERS, QUARRYMEN AND RELATED WORKERS	36.5	*	*	36.9
Miners, mineral prospectors and quarrymen	28.3	*	*	28.3
TRANSPORT AND COMMUNICATION	294.5	31.0	48.2	342.7
Drivers and firemen, rail transport	13.6	*	*	13.6
Drivers, road transport	205.4	11.1	14.7	220.1
Inspectors, supervisors, traffic controllers & despatchers, transport	22.6	*	*	23.3
Telephone, telegraph and related telecommunication operators	5.2	11.6	20.5	25.6
Postmasters, postmen and messengers	24.7	6.9	10.5	35.2
TRADESMEN, PRODUCTION-PROCESS WORKERS AND LABOURERS, N.E.C.	1,571.5	147.3	217.1	1,788.6
Spinners, weavers, knitters, dyers and related workers	7.3	7.1	9.2	16.5
Tailors, cutters, furriers and related workers	21.0	43.4	59.9	80.9
Leather cutters, lasters, sewers (except gloves and garments) and related workers	8.2	*	6.4	14.5
Furnacemen, rollers, drawers, moulders and related metal making and treating workers	16.4	*	*	16.9
Precision instrument makers, watchmakers, jewellers and related workers	23.9	*	*	25.6
Machine toolmakers, metal machinists, mechanics, plumbers and related metal workers	412.2	8.0	10.0	422.2
Electricians and related electrical and electronic workers	169.6	*	*	172.1
Metal workers, metal & electrical production-process workers, n.e.c.	51.2	14.9	21.3	72.5
Carpenters, woodworking machinists, cabinetmakers & related workers	122.0	*	*	125.5
Painters and decorators	45.8	*	*	47.5
Bricklayers, plasterers and construction workers n.e.c.	131.0	*	*	131.9
Compositors, printing machinists, engravers, bookbinders and related workers	36.6	4.9	8.9	45.5
Potters, kilnmen, glass and clay formers and related workers	8.3	*	*	10.6
Millers, bakers, butchers, brewers and related food & drink workers	84.7	13.8	18.1	102.8
Chemical, sugar and paper production-process workers	18.4	*	*	19.9
Paper products, rubber, plastic & production-process workers, n.e.c.	40.7	10.1	18.4	59.1
Packers, wrappers, labellers	15.0	20.3	32.1	47.1
Stationary engine, excavating and lifting equipment operators	93.2	*	*	94.2
Storemen and freight handlers	125.2	4.7	8.2	133.3
Labourers, n.e.c.	140.1	*	7.5	147.6
SERVICE, SPORT AND RECREATION WORKERS	228.1	255.9	394.7	622.9
Fire brigade, police and other protective service workers	59.6	*	5.7	65.4
Housekeepers, cooks, maids and related workers	44.0	110.2	163.9	207.9
Waiters, bartenders	17.7	27.5	55.9	73.6
Caretakers, cleaners, buildings	44.9	56.4	64.6	109.5
Barbers, hairdressers and beauticians	9.1	17.0	37.0	46.2
Launderers, dry cleaners and pressers	5.2	7.6	12.3	17.5
Athletes, sportsmen and related workers	8.5	*	5.1	13.7
TOTAL	3,976.9	1,461.8	2,396.9	6,373.8

(a) Some minor occupation groups are not listed separately.

TABLE 30. UNEMPLOYED PERSONS: STATES, BY AGE, NOVEMBER 1983
('000)

Age group	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia(a)
MALES							
15-19	33.2	19.6	10.5	7.9	9.8	2.6	85.1
20-24	33.6	21.1	13.4	9.0	8.8	3.3	90.5
25-34	31.5	18.1	13.8	8.3	9.6	2.4	85.1
35 and over	47.8	29.9	19.7	11.8	11.7	3.5	126.0
Total	146.1	88.6	57.5	37.1	40.0	11.9	386.7
FEMALES							
15-19	25.4	15.8	13.1	6.6	7.4	2.2	72.0
20-24	19.9	11.2	7.3	4.4	4.7	1.6	49.7
25-34	22.0	15.2	7.7	5.8	5.3	1.9	58.9
35 and over	18.2	16.7	9.1	5.1	4.6	*	56.2
Total	85.5	58.9	37.2	21.9	22.0	6.9	236.8
PERSONS							
Looking for full-time work -							
15-19	49.5	28.1	18.6	12.0	14.6	4.8	129.3
20-24	50.1	30.4	18.6	12.7	12.6	4.7	130.9
25-34	46.7	27.9	18.1	11.2	12.4	3.6	121.7
35-44	28.6	19.9	11.4	6.3	7.8	2.1	76.9
45-54	17.3	14.9	9.1	4.5	5.0	1.5	53.3
55 and over	11.9	5.2	5.1	4.6	*	*	29.3
Total looking for full-time work	204.0	126.3	80.9	51.4	54.0	17.2	541.4
Total -							
15-19	58.6	35.4	23.6	14.5	17.3	4.8	157.0
20-24	53.5	32.3	20.7	13.4	13.5	4.8	140.2
25-34	53.5	33.3	21.5	14.1	14.9	4.3	144.0
35-44	32.8	23.2	14.0	7.3	8.9	2.3	89.7
45-54	19.2	17.3	9.3	4.6	5.5	1.6	58.7
55 and over	14.1	6.0	5.6	5.0	*	*	33.7
Total	231.6	147.5	94.7	59.0	62.0	18.8	623.4

(a) Includes the Northern Territory and the Australian Capital Territory

TABLE 31. UNEMPLOYED PERSONS AGED 15-19:
DURATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, NOVEMBER 1983

	Not attending school			
	Attending school	Left school before 1982	Left school 1982 to survey date	Total
NUMBER ('000)				
Duration of unemployment (weeks) -				
Under 4	10.4	5.0	7.3	22.7
4 and under 13	12.7	12.6	10.2	35.5
13 and under 26	*	9.2	10.3	23.7
26 and over	7.4	43.7	24.0	75.1
Total	34.8	70.4	51.9	157.0
AVERAGE DURATION OF UNEMPLOYMENT (weeks)				
Mean duration -				
Males	15.4	49.0	29.0	35.1
Females	13.7	50.7	24.3	33.5
Persons	14.6	49.7	26.8	34.4
Looking for full-time work	19.3	50.4	27.2	38.6
Looking for part-time work	12.1	*	*	14.9
Median duration -				
Males	7.0	40.0	24.1	26.0
Females	6.0	39.0	17.1	17.1
Persons	6.0	39.1	21.1	22.0
Looking for full-time work	10.0	40.1	22.0	26.1
Looking for part-time work	4.0	*	*	5.0

TABLE 32. UNEMPLOYED PERSONS, BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, NOVEMBER 1983

	Number unemployed ('000)					Unemployment rate (per cent)				
	Males		Females		Persons	Males		Females		Persons
	Married	Total	Married	Total		Married	Total	Married	Total	
LOOKING FOR FULL-TIME WORK										
Total	160.8	366.3	62.8	175.0	541.4	5.8	8.9	7.2	10.3	9.3
Aged 15-19	*	72.7	*	56.6	129.3	*	24.5	*	23.4	24.0
Looking for first job	*	30.5	*	26.9	57.4	..	..	..	..	..
Attending school	*	8.1	*	*	12.4	n.a.	n.a.	n.a.	n.a.	n.a.
Aged 20 and over	159.3	293.6	61.1	118.5	412.1	5.7	7.7	7.1	8.1	7.8
20-24	17.3	88.9	10.2	42.0	130.9	12.6	15.7	8.6	10.7	13.7
Looking for first job	*	6.5	*	5.0	11.4	..	..	..	..	..
25-34	48.0	82.9	23.7	38.8	121.7	6.0	7.3	9.1	9.2	7.9
35-44	38.6	53.0	17.4	23.8	76.9	4.6	5.5	6.7	7.2	5.9
45-54	32.8	41.3	8.4	12.0	53.3	5.4	6.0	5.0	5.3	5.8
55 and over	22.6	27.5	*	*	29.3	5.8	6.1	*	*	5.5
Aged 15-64	160.2	365.6	62.8	175.0	540.6	5.8	9.0	7.2	10.3	9.4
LOOKING FOR PART-TIME WORK										
Total	4.8	20.3	38.0	61.7	82.1	4.2	7.6	5.5	6.6	6.8
Aged 15-19	*	12.4	*	15.4	27.8	*	15.0	*	13.8	14.3
Attending school	*	10.8	*	11.6	22.4	*	18.3	*	16.6	17.3
Aged 20 and over	4.8	7.9	37.2	46.3	54.3	4.2	4.3	5.4	5.6	5.4
20-24	*	*	4.7	7.7	9.3	*	*	11.9	8.7	7.4
25-34	*	*	17.2	20.1	22.2	*	*	7.8	8.0	7.6
35-44	*	*	10.0	11.9	12.9	*	*	4.2	4.7	4.5
45 and over	*	*	5.4	6.6	9.9	*	*	2.8	2.9	3.2
Aged 15-64	4.6	19.5	38.0	61.7	81.2	4.6	7.8	5.5	6.7	6.9
● TOTAL										
Total	165.7	386.7	100.7	236.8	623.4	5.7	8.9	6.4	9.0	8.9
Aged 15-19	*	85.1	*	72.0	157.0	*	22.5	*	20.4	21.5
Attending school	*	18.9	*	15.8	34.8	*	27.7	*	21.3	24.3
Aged 20 and over(a)	164.1	301.6	98.3	164.8	466.4	5.7	7.6	6.3	7.2	7.4
20-24	17.3	90.5	14.9	49.7	140.2	12.2	15.0	9.4	10.3	12.9
25-34	49.3	85.1	40.9	58.9	144.0	6.0	7.3	8.5	8.8	7.8
35-44	39.6	53.9	27.3	35.8	89.7	4.5	5.4	5.5	6.1	5.7
45-54	33.7	42.2	12.7	16.6	58.7	5.4	5.9	4.1	4.4	5.4
55-59	14.6	18.6	*	*	21.7	5.6	6.3	*	*	5.4
60-64	8.8	9.7	*	*	10.5	7.2	6.8	*	*	5.7
Aged 15-64	164.8	385.1	100.7	236.8	621.9	5.8	9.0	6.5	9.0	9.0

(a) Includes unemployed persons aged 65 and over, details for whom are not shown separately.

TABLE 33. UNEMPLOYED PERSONS: BIRTHPLACE BY AGE, NOVEMBER 1983

	Number unemployed ('000)			Unemployment rate (per cent)		
	Males	Females	Persons	Males	Females	Persons
BORN IN AUSTRALIA						
Total	254.3	164.8	419.1	8.0	8.4	8.2
Looking for full-time work	240.1	119.1	359.1	8.1	9.5	8.5
Looking for part-time work	14.2	45.8	60.0	6.9	6.4	6.5
Aged 15-19	68.4	59.9	128.3	21.0	19.6	20.4
Aged 20 and over	185.9	105.0	290.9	6.5	6.3	6.4
20-24	69.2	37.3	106.5	13.8	9.4	11.8
25-34	56.9	38.2	95.1	6.4	7.7	6.8
35-44	27.3	18.8	46.1	4.1	4.7	4.4
45-54	18.5	8.4	26.9	4.1	3.3	3.8
55 and over	14.0	*	16.3	4.2	*	3.6
Aged 15-64	254.0	164.8	418.8	8.1	8.4	8.2
BORN OUTSIDE AUSTRALIA						
Total	132.4	71.9	204.3	11.1	10.9	11.0
Looking for full-time work	126.3	56.0	182.2	11.2	12.6	11.6
Looking for part-time work	6.1	16.0	22.1	9.7	7.3	7.8
Aged 15-19	16.7	12.1	28.8	31.2	25.2	28.4
Aged 20 and over	115.7	59.8	175.5	10.1	9.7	10.0
20-24	21.3	12.5	33.8	21.5	14.6	18.3
25-34	28.1	20.7	48.8	10.1	11.9	10.8
35-44	26.6	17.0	43.7	7.9	9.0	8.3
45-54	23.7	8.2	31.9	9.1	6.5	8.3
55 and over	15.9	*	17.4	9.6	*	8.4
Aged 15-64	131.1	71.9	203.1	11.1	10.9	11.0

TABLE 34. UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT AND AGE, ETC., NOVEMBER 1983

Duration of unemployment (weeks)	Age group				Total(a)	Married	Not married	Looking for -	
	15-19	20-24	25-34	35-54				Full-time work	Part-time work
MALES									
- '000 -									
Under 2	4.8	*	*	*	16.6	5.8	10.8	13.3	) 6.6
2 and under 4	6.3	5.5	6.0	6.7	26.2	11.6	14.6	22.9)
4 and under 8	8.6	9.7	7.2	7.9	35.0	14.2	20.8	31.8	) 4.6
8 and under 13	9.1	6.3	5.4	7.3	30.8	13.7	17.1	29.4)
13 and under 26	13.1	11.0	12.3	12.9	53.9	22.3	31.6	51.6	) 4.9
26 and under 39	10.1	13.4	11.9	11.1	49.0	19.3	29.7	46.3)
39 and under 52	11.2	7.8	8.7	7.5	37.8	14.8	23.1	36.8) *
52 and under 65	10.0	14.1	12.8	13.4	54.3	25.8	28.5	52.9) *
65 and under 104	6.5	7.1	7.6	8.9	33.0	14.0	19.0	32.6) *
104 and over	5.4	12.6	9.0	17.0	50.1	24.2	25.9	48.7) *
Total	85.1	90.5	85.1	96.1	386.7	165.7	221.0	366.3	20.3
- weeks -									
Average duration -									
Mean	35.1	45.5	43.7	54.0	46.1	49.7	43.4	47.3	23.6
Median	26.0	34.1	33.2	36.2	32.1	34.2	30.1	34.1	8.0
FEMALES									
o									
- '000 -									
Under 2	6.9	*	6.8	5.0	22.5	12.2	10.2	11.3	11.2
2 and under 4	4.7	5.1	7.7	4.9	22.6	13.3	9.3	12.0	10.5
4 and under 8	9.6	5.6	6.1	*	25.2	9.1	16.1	17.4	7.8
8 and under 13	8.3	4.8	7.1	5.4	25.9	11.3	14.5	16.6	9.3
13 and under 26	10.6	6.1	6.0	5.4	28.9	11.0	17.8	22.9	6.0
26 and under 39	6.9	5.8	6.7	6.6	26.7	13.0	13.8	20.2	6.5
39 and under 52	8.0	) 6.4 (	4.6	*	19.4	5.8	13.6	17.5	) 5.4
52 and under 65	6.9	)	4.8	5.8	20.7	9.5	11.2	17.2)
65 and under 104	*	*	*	*	14.1	4.9	9.3	12.9	) 5.0
104 and over	6.1	8.7	6.0	9.2	30.8	10.6	20.2	27.0)
Total	72.0	49.7	58.9	52.3	236.8	100.7	136.0	175.0	61.7
- weeks -									
Average duration -									
Mean	33.5	48.4	36.6	48.3	40.9	34.0	45.9	47.0	23.3
Median	17.1	26.0	14.0	26.1	20.1	16.0	25.1	26.1	8.0
PERSONS									
- '000 -									
Under 2	11.7	6.0	11.0	8.5	39.0	18.0	21.0	24.6	14.5
2 and under 4	11.0	10.6	13.8	11.6	48.8	24.9	23.9	35.0	13.8
4 and under 8	18.2	15.3	13.4	11.5	60.2	23.3	36.9	49.2	11.1
8 and under 13	17.3	11.1	12.5	12.7	56.7	25.0	31.7	45.9	10.7
13 and under 26	23.7	17.1	18.2	18.4	82.7	33.3	49.4	74.5	8.2
26 and under 39	17.1	19.2	18.6	17.7	75.7	32.3	43.4	66.5	9.2
39 and under 52	19.2	11.1	13.3	11.0	57.3	20.6	36.7	54.3	*
52 and under 65	16.9	17.2	17.6	19.2	75.0	35.3	39.7	70.2	4.9
65 and under 104	10.3	11.2	10.8	11.7	47.2	18.9	28.2	45.5	*
104 and over	11.5	21.3	15.0	26.2	80.8	34.8	46.1	75.7	5.2
Total	157.0	140.2	144.0	148.5	623.4	266.4	357.0	541.4	82.1
- weeks -									
Average duration -									
Mean	34.4	46.5	40.8	52.0	44.1	43.8	44.3	47.3	23.4
Median	22.0	30.1	26.1	32.0	26.1	26.1	26.1	32.0	8.0

(a) Includes persons aged 55 and over, details for whom are not shown separately.

TABLE 35. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB
AND DURATION OF UNEMPLOYMENT, NOVEMBER 1983
('000)

	Duration of unemployment (weeks)							Total		
	Under 4	4 and under 8	8 and under 13	13 and under 26	26 and under 39	39 and under 65	65 and over	Males	Females	Persons
Had worked full time for two weeks or more in the last two years	46.2	43.6	37.9	58.6	55.8	88.8	31.0	265.8	96.1	361.8
Industry division or subdivision -										
Agriculture and services to agriculture	4.6		*	6.6		*	*	13.8	*	15.6
Manufacturing	9.7	8.4	9.1	14.5	16.2	32.5	11.2	83.9	17.8	101.7
Food, beverages and tobacco		5.9		7.6		5.8		14.5	4.8	19.3
Metal products		5.0		6.5		9.6	*	22.4	*	23.6
Other manufacturing	5.6	5.1	5.5	6.9	9.7	18.6	7.4	47.0	11.9	58.9
Construction	6.3	5.7	*	7.4	6.1	12.4	*	44.6	*	46.3
Wholesale and retail trade	10.1	12.2	9.3	13.8	13.5	20.8	7.9	53.3	34.4	87.6
Transport and storage		5.2		6.4		4.5	*	16.0	*	17.2
Finance, property and business services		5.1		4.6		5.9	*	9.7	7.8	17.5
Community services	5.9		5.9		6.3		4.9	9.5	13.4	22.9
Recreation, personal and other services	*	5.1	*	4.6	5.0		5.0	15.5	12.0	27.6
Other industries	6.1		*	5.1	*	4.6	*	19.4	6.0	25.4
Occupation group -										
Professional, technical, etc.	5.1		5.9		5.0		*	9.0	7.5	16.5
Clerical	7.6	4.9	4.6	5.9	6.0	6.4	*	9.7	28.0	37.7
Sales	4.9	5.8	*	5.5	5.3	8.7	*	18.8	18.6	37.4
Farmers, fishermen, etc.	6.9		*	4.7	4.7	5.0	*	21.1	*	23.7
Transport and communication		5.6		6.7		4.7	*	17.2	*	19.3
Tradesmen, production-process workers and labourers, n.e.c.	20.2	18.9	16.8	28.0	27.7	51.3	19.0	163.3	18.6	181.9
Service, sport and recreation	4.5	5.4	*	6.4	6.2	6.0	*	17.2	17.5	34.6
Other occupations	*		4.8			5.1		9.6	*	10.8
Other	30.6	16.7	18.8	24.1	19.9	43.5	97.0	116.6	133.9	250.6
Looking for first job	13.8	10.3	9.1	14.9	9.4	26.4	18.8	50.9	52.0	102.8
Looking for full-time work	6.1	5.0	5.6	12.4	6.0	24.4	18.1	40.9	36.6	77.5
Other	16.7	6.3	9.7	9.2	10.5	17.1	78.1	65.7	82.0	147.7
Stood down	11.0	..	..	..	..	..	..	*	6.8	11.0
Total	87.8	60.2	56.7	82.7	75.7	132.3	128.0	386.7	236.8	623.4

TABLE 36. UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, NOVEMBER 1983
(per cent)

	Males	Females	Persons
Had worked full time for two weeks or more in the last two years	6.3	3.9	5.4
Industry division or subdivision -			
Agriculture and services to agriculture	4.5	*	3.8
Manufacturing	9.0	5.7	8.1
Food, beverages and tobacco	9.6	8.7	9.4
Metal products	11.8	*	10.9
Other manufacturing	7.9	5.1	7.1
Construction	11.0	*	10.3
Wholesale trade	5.3	5.9	5.5
Retail trade	7.8	5.9	6.9
Transport and storage	5.0	*	4.6
Finance, property and business services	3.1	2.8	2.9
Community services	2.3	1.9	2.1
Recreation, personal and other services	7.9	4.7	6.1
Other industries	3.4	3.5	3.4
Occupation group -			
Professional, technical, etc.	1.7	1.6	1.6
Administrative, executive and managerial	1.9	*	2.0
Clerical	3.0	3.3	3.2
Sales	6.6	5.6	6.1
Farmers, fishermen, timber-getters, etc.	5.5	*	4.9
Miners, quarrymen, etc.	*	*	*
Transport and communication	5.5	*	5.3
Tradesmen, production-process workers and labourers, n.e.c.	9.4	7.9	9.2
Service, sport and recreation	7.0	4.2	5.3
Total	8.9	9.0	8.9

TABLE 37. UNEMPLOYED PERSONS: AGE AND ACTIVE STEPS TAKEN TO FIND WORK, NOVEMBER 1983 ('000)

	Males	Females	Persons			Total
			Aged 15-19	Aged 20-24	Aged 25 and over	
Took active steps to find work	382.4	230.0	154.7	138.9	318.8	612.4
Wrote, phoned or applied in person to an employer	291.6	170.0	115.8	108.5	237.3	461.5
Answered a newspaper advertisement for a job	12.4	9.3	5.3	*	13.2	21.7
Checked factory or Commonwealth Employment Service noticeboards	45.0	29.0	19.6	15.6	38.7	74.0
Been registered with the Commonwealth Employment Service	29.5	14.5	12.0	9.7	22.3	44.0
Checked or registered with any other employment agency	*	*	*	*	*	*
Advertised or tendered for work	*	*	*	*	*	*
Contacted relatives or friends	*	5.2	*	*	5.5	7.8
Stood down	*	6.8	*	*	7.4	11.0
Total	386.7	236.8	157.0	140.2	326.1	623.4

TABLE 38. PERSONS NOT IN THE LABOUR FORCE: AGE AND MARITAL STATUS, NOVEMBER 1983

Age group	Males			Females			Persons	Proportion of population - per cent -
	Married	Not married	Total	Married	Not married	Total		
- '000 -								
15-19	*	270.0	270.7	13.7	254.1	267.8	538.4	42.4
20-24	6.1	65.9	71.9	114.7	57.9	172.6	244.5	18.4
25-34	26.1	32.6	58.7	509.8	56.1	565.8	624.6	25.3
35-44	37.2	19.7	56.8	377.5	43.6	421.1	477.9	23.2
45-54	53.6	21.5	75.2	320.8	51.8	372.6	447.8	29.1
55-59	63.1	19.6	82.7	216.1	53.7	269.8	352.5	46.8
60-64	155.4	27.7	183.1	217.3	85.2	302.5	485.6	72.6
65-69	169.4	38.4	207.8	161.4	113.8	275.2	483.0	90.7
70 and over	257.8	115.3	373.1	186.0	411.8	597.8	970.9	97.1
Total	769.4	610.6	1,380.0	2,117.2	1,128.0	3,245.2	4,625.2	39.8

TABLE 39. PERSONS NOT IN THE LABOUR FORCE: WHETHER LOOKING FOR WORK, ETC., NOVEMBER 1983 ('000)

	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
Looking for work	10.5	51.8	62.3	32.5	40.4	72.9	135.2
Took active steps to find work(a)	5.1	41.0	46.0	6.7	29.4	36.1	82.1
Did not take active steps to find work	5.4	10.9	16.3	25.8	11.0	36.8	53.1
Not looking for work	725.0	500.7	1,225.7	2,063.9	980.1	3,044.1	4,269.8
Permanently unable to work	14.5	8.5	23.0	7.6	12.3	19.8	42.8
In institutions	19.3	49.7	69.0	13.2	95.2	108.4	177.4
Total	769.4	610.6	1,380.0	2,117.2	1,128.0	3,245.2	4,625.2

(a) Not available to start work in the survey week for reasons other than own temporary illness or injury.

TABLE 40: ESTIMATES OF LABOUR FORCE STATUS AND GROSS CHANGES (FLOWS) DERIVED FROM MATCHED RECORDS
OCTOBER 1983 AND NOVEMBER 1983
('000)

Labour force status in - October 1983	November 1983	Males	Females		Persons
			Married	Total	
Employed full time	Employed full time	2,902.2	593.8	1,114.7	4,016.9
	Employed part time	41.0	37.1	51.2	92.3
	Unemployed	23.9	*	7.3	31.2
	Not in the labour force	31.1	19.3	26.0	57.1
Employed part time	Employed full time	40.5	39.1	52.7	93.2
	Employed part time	123.7	441.3	577.5	701.2
	Unemployed	9.8	5.4	10.2	20.0
	Not in the labour force	20.0	43.0	57.0	77.1
Unemployed	Employed full time	33.0	4.7	12.2	45.3
	Employed part time	12.1	11.0	17.5	29.6
	Unemployed	229.0	41.0	112.0	341.0
	Not in the labour force	27.4	30.1	48.0	75.5
Not in the labour force	Employed full time	23.0	17.0	22.7	45.7
	Employed part time	20.7	49.9	64.3	85.0
	Unemployed	30.1	27.6	50.2	80.3
	Not in the labour force	934.5	1,610.4	2,375.8	3,310.3
Total flows into	Employed	88.8	82.7	116.8	205.5
	Full time	96.5	60.9	87.7	184.2
	Part time	73.8	98.0	133.0	206.8
	Unemployed	63.8	35.3	67.7	131.5
	Not in the labour force	78.5	92.4	131.0	209.6
Total flows out of	Employed	84.8	69.9	100.5	185.3
	Full time	96.0	58.5	84.6	180.6
	Part time	70.3	87.6	119.9	190.3
	Unemployed	72.6	45.9	77.7	150.3
	Not in the labour force	73.8	94.6	137.2	211.0
Total changes of status		231.1	210.4	315.5	546.6
Population represented by the matched sample		4,502.0	2,973.1	4,599.5	9,101.5

0

TECHNICAL NOTE

For more information on sample design, estimation procedure and reliability of the estimates, for current and earlier surveys, reference should be made to the Technical note in *The Labour Force, Australia, 1978* (6204.0).

Estimation procedure

2. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the estimates

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this section are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, are subject to sampling variability; that is, they may differ from the figures that would have been produced if all dwellings had been included in the surveys. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. The standard error can also be expressed as a percentage of the estimate, and this is known as the *relative standard error*.

4. Space does not allow for the separate indication of the standard errors of all estimates in this section. Standard errors of estimates for the latest month and of estimates of movements since the previous month are shown in Table I. Standard errors of other estimates and other monthly movements should be determined by using Tables A and B on pages 35 and 36.

5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger the standard error. However, it should be noted that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

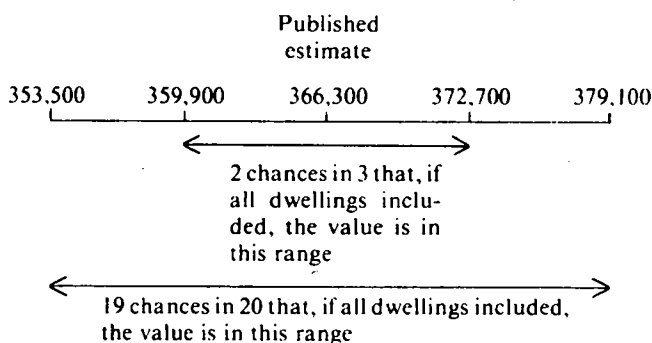
6. As the standard errors in Table A show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this section, estimates below the levels shown in Table C, and percentages based on such estimates, have not been included. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable. See paragraph 9 concerning higher publication cut-off points for some estimates.

7. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is given in Table B on page 36. The estimates of standard error of monthly movements apply only to estimates of movements

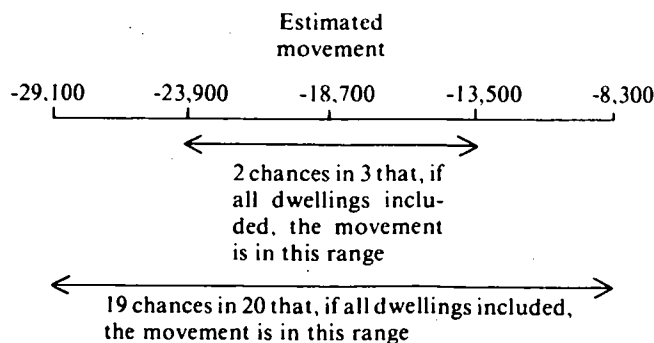
between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Standard errors of *quarterly* movements can be obtained by multiplying the figures in Table B (page 36) by 1.4. Standard errors of all *annual* movements can be obtained by multiplying the figures in Table A by 1.4. When using Table A or Table B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

8. Examples of the calculation and use of standard errors are given below:

- (a) From Table A it will be seen that the estimate of 366,300 unemployed males looking for full-time work in November 1983 has a standard error of about 6,400. Therefore there are about two chances in three that the number that would have been obtained if all dwellings had been included in the survey would have been within the range 359,900 to 372,700 and about nineteen chances in twenty that it would have been within the range 353,500 to 379,100.



- (b) The estimate of movement in the number of unemployed males looking for full-time work from October to November 1983 is a decrease of 18,700. Table B relates the standard error of the monthly movement to the larger of the two estimates from which the movement is derived. In this case the October 1983 estimate (385,000) is the larger. From Table B it will be seen that the standard error of the monthly movement is about 5,200. Therefore there are about two chances in three that if all dwellings had been included in the surveys the movement would have been within the range -23,900 to -13,500 and about nineteen chances in twenty that it would have been within the range -29,100 to -8,300.



9. The relative standard errors of estimates of *aggregate hours worked*, *average hours worked*, *average duration of unemployment*, and *median duration of unemployment* are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate (see Table A) and then multiplying the figure so obtained by the following relevant factors:

Aggregate hours worked: 1.2
Average hours worked: 0.5
Average duration of unemployment: 1.5
Median duration of unemployment: 2.0

Publication cut-off points for these and other labour force estimates (see paragraph 6) are shown in Table C on the next page. Because of these higher relative standard errors, estimates of aggregate hours worked, average duration of unemployment, and median duration of unemployment have higher cut-off points for publication (see paragraph 6) than other estimates as shown in Table A.

10. An example of the calculation of standard errors by the use of these factors is as follows:

In November 1983 the estimate of median duration of unemployment for unemployed males was 32.1 weeks (from Table 30) and the number unemployed was estimated as 386,700. From Table A it can be estimated that this figure (386,700) has a standard error of about 6,500 and therefore a relative standard error of about 1.7 per cent. The *relative standard error* of the estimate of median duration of unemployment is calculated by multiplying this figure (1.7) by the appropriate factor shown in the previous paragraph (in this case 2.0): $1.7 \times 2.0 = 3.4$ per cent. The *standard error* of this estimate of

median duration of unemployment is therefore 3.4 per cent of 32.1, i.e. 1.0. Therefore there are about two chances in three that the median duration of unemployment for unemployed males that would have been obtained if all dwellings had been included in the survey would have been within the range 31.1 to 33.1 weeks and about nineteen chances in twenty that it would have been within the range 30.1 to 34.1 weeks.

11. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. Standard errors for capital cities are approximately the same as those for corresponding States.

12. The reliability of an estimated percentage or rate, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the relative standard error of the estimated percentage will generally be slightly lower than the relative standard error of the estimate of the numerator. The relative standard errors of the numerators can be obtained from Table A.

13. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding of data, and errors made in processing the data. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

TABLE A. STANDARD ERRORS OF ESTIMATES

[illegible]

TABLE B. STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS

Size of larger estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
1,500						250			
1,800						260	370		
2,000						270	380	370	
2,500				490	520	290	420	390	
3,000				520	560	310	460	410	
3,500			730	540	590	330	490	430	
4,000			760	570	610	340	520	450	
4,500	1,100	1,100	790	590	640	360	550	460	1,100
5,000	1,100	1,100	820	610	660	370	570	480	1,200
6,000	1,200	1,200	880	650	700	390	620	500	1,200
10,000	1,400	1,400	1,000	760	830	460	760	570	1,500
20,000	1,800	1,700	1,300	930	1,000	550	1,000	670	2,000
50,000	2,500	2,300	1,700	1,200	1,300	690	1,400	790	2,700
100,000	3,200	2,800	2,100	1,400	1,600	810		880	3,400
200,000	3,900	3,300	2,500	1,700	1,900	920			4,300
300,000	4,400	3,700	2,800	1,900	2,100				4,900
500,000	5,100	4,200	3,200	2,100	2,300				5,700
1,000,000	6,100	4,900	3,800						6,800
2,000,000	7,200	5,600							8,200
5,000,000									10,000

TABLE C. PUBLICATION CUT-OFF POINTS FOR LABOUR FORCE ESTIMATES(a)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
<i>Estimates classified by—</i>									
Aggregate hours worked	5,400	5,400	4,200	3,000	3,000	1,800	2,200	2,400	5,400
Average hours worked	2,300	2,300	1,800	1,300	1,300	800	900	1,000	2,300
Average (mean) duration of unemployment	6,800	6,800	5,300	3,800	3,800	2,300	2,700	3,000	6,800
Median duration of unemployment	9,000	9,000	7,000	5,000	5,000	3,000	3,600	4,000	9,000
All other estimates	4,500	4,500	3,500	2,500	2,500	1,500	1,800	2,000	4,500

(a) See paragraphs 6 and 9, pages 34 and 35.

SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

For more information about these publications, contact Susan Purcell on Canberra (062) 52 6503 or any of our State offices.

<i>Title of Publication</i>	<i>Catalogue No.</i>
Alternative Working Arrangements, Australia, March-May 1982	6341.0
Annual and Long Service Leave, August 1974; May 1979	6317.0
Assisted and Unassisted Migrants, August 1972; March 1980	3406.0
Career Paths of Persons with Trade Qualifications, Australia, September to November, 1982 (Preliminary)	6242.0
Child Care-May 1969, 1973, 1977; June 1980	4402.0
Educational Experience and Intentions Survey, Australia, 1979	4212.0
Employed Married Women in the Labour Force, November 1979 (Queensland)	6203.3
Employment Benefits, February-May 1979	6334.0
Employment Status of Teenagers, August 1978(b)	6234.0
Evening and Night Work, November 1976	6329.0
Ex-service Personnel, November 1966, 1971; October 1979	4403.0
Family Status and Employment Status of the Population, November 1974 and 1975(a)	6223.0
Frequency of Pay, August 1974, 1976 and 1977	6320.0
Income Distribution, 1968-69 (Consolidated and Revised Edition)	6505.0
Income Distribution, Australia, 1978-79:	
Individuals	6502.0
Income Units	6523.0
Unemployed Persons	6521.0
Supplementary Tables	6504.0
Job Tenure, February 1974; February 1975; August 1976	6211.0
Journey to Work and Journey to School, May 1970; August 1974	9205.0
Labour Force Experience—	
During 1968; 1972; 1974; 1975; 1976; 1978; 1979; Year ending February 1981, February 1982	6206.0
Preliminary—Year ending February 1983	6205.0
Labour Force Status and Educational Attainment, Australia (previously 'The Labour Force: Educational Attainment'), February 1979, 1980, 1981, 1982, 1983	6235.0
Preliminary—February 1983	6240.0
Labour Force Status and Other Characteristics of Families, November 1974; July 1979 and 1980; June 1981; July 1982(b)	6224.0
Labour Mobility, November 1972; February 1975, 1976, 1979, 1980, 1981 and 1982	6209.0
Preliminary—February 1983	6208.0
Methods of Obtaining Jobs, July 1982 (Preliminary)	6244.0
Migrants in the Labour Force, 1972 to 1976(c)	6230.0
Multiple Jobholding—	
November 1965; August 1966 and 1967; May 1971; August 1973, 1975, 1977, 1979 and 1981	6216.0
Non-School Study Courses, Survey of, August 1968	Not listed
Persons Ceasing Full-time Work, Australia, May 1980	6238.0
Persons Aged 15 to 64 Years: Employment Status and Period Since Leaving School, May 1976	6225.0
Persons Not in the Labour Force (including Discouraged Jobseekers)—	
November 1975; May 1977; March 1979; September 1979; March 1980;	
September 1980; March 1981; September 1981; March 1982	6220.0
September 1982; March 1983	6219.0
Persons Looking for Work, Characteristics of—	
May 1976; November 1976; May 1977; July 1978, 1979 and 1980; June 1981; July 1982	6222.0
Preliminary—July 1983	6221.0
Post School Qualifications of Tradesmen and Other Employed Persons, New South Wales, November 1979	6202.1
School Leavers, 1970 to 1974: Their Employment Status and Education Experience in May 1975	6226.0
Superannuation, Survey of, February 1974	6319.0
Survey of Handicapped Persons, Australia, February-May 1981 (Preliminary)	4342.0
Survey of Persons Registered with the CES as Unemployed, March 1977	6229.0
The Labour Force: Country of Birth and Period of Residence, February 1972	6207.0
Trade Union Members, November 1976, March-May 1982	6325.0
Transition From Education to Work (Including leavers from schools, universities, and other educational institutions). Conducted each year since 1964. Previously titled 'Leavers from Schools, Universities and other Educational Institutions'. Latest issue May 1983 (Preliminary)	6227.0
Weekly Earnings of Employees (Distribution) August 1975 to August 1982 (annually)	6310.0
Weekly Earnings of Employees (Distribution), Australia, August 1983 (Preliminary)	6309.0
Work Patterns of Employees, November 1976	6328.0
Working Conditions, February-May 1979	6335.0
Working Hours Arrangements, Australia, February-May 1981	6338.0
Supplementary Tables	6339.0

(a) See also *Labour Force Status and Other Characteristics of Families* (6224.0). (b) See also *Family Status and Employment Status of the Population, November 1974 and 1975* (6223.0). (c) Estimates derived from labour force surveys. For more recent estimates, see the relevant tables in this publication.